### OFFICIAL NOTICE

## PUBLISHED BY THE DEPARTMENT OF NEIGHBORHOOD SERVICES OF THE CITY OF MILWAUKEE

#### INVITATION FOR BIDS FOR MECHANICAL DEMOLITION PROJECT OPENING 2-25-2020

THE COMMISSIONER OF THE DEPARTMENT OF NEIGHBORHOOD SERVICES OF THE CITY OF MILWAUKEE ("Commissioner"), Milwaukee, Wisconsin, acting pursuant to Sec. 7-22-3, Milwaukee City Charter, will receive sealed bids for furnishing all labor and materials and performing all work necessary for and incidental to the demolition of eleven (11) primary buildings and one (1) secondary building located in the city of Milwaukee, Wisconsin, until 9:00 a.m.(central time) on Tuesday, February 25, 2020, at which time all bids will be publicly opened and read. Any bids received after that time may be rejected and returned unopened.

- 1. Bids shall be awarded to lowest, qualified, responsive, and responsible bidder on a lump sum basis for Parcel 3A and 3B and lowest, qualified, responsive and responsible bidder on a per parcel basis for all other parcels.
- 2. All bids shall be held open for a period of sixty (60) days subsequent to the opening of bids and no bid may be withdrawn without the written consent of the Commissioner. IN THE EVENT THE COMMISSIONER, DURING THE SIXTY DAYS FOLLOWING BID OPENING, TAKES NO ACTION RELATIVE TO THE BID OR BIDS RECEIVED, THEN THE BID OR BIDS SHALL BECOME NULL AND VOID WITHOUT RECOURSE OF ANY KIND BY EITHER THE BIDDER OR COMMISSIONER, ACTING ON BEHALF OF THE CITY.

As part of the bid, each bidder shall submit a full and complete list of all the proposed subcontractors and the class of work to be performed by each, which list shall not be altered without the written consent of the Commissioner.

The Commissioner reserves the right to reject any and all bids at any time, if it is in the best interests of the City, and to waive any informalities in bidding.

Attention is called to the fact that: (a) the successful bidder will not discriminate against any qualified employee or qualified applicant for employment because of sex, race, religion, color, national origin or ancestry, age, disability, lawful source of income, marital status, sexual orientation, gender identity or expression, past or present membership in the military service, familial status, or based upon affiliation with, or perceived affiliation with any of these categories as provided by Section 109-9 of the Milwaukee Code of Ordinance This provision must be included in all subcontracts. (b) Contractor agrees that they will comply with all applicable requirements of the Americans with Disabilities Act of 1990, 42 U.S.C. 12101 et seq. (c) both parties understand that the City is bound by the Wisconsin Public Records Law, and as such all of the terms of this Agreement are subject to and conditioned on the provisions of Wis. Stat. Section 19.21, et seq. Contractor acknowledges that it is obligated to assist the City in retaining and producing records that are subject to Wisconsin Public Records Law, and that the failure to do so shall constitute a material breach of this Agreement, and that the Contractor must defend and hold the City harmless from liability under that law. Except as otherwise authorized, those records shall be maintained for a period of seven (7) years after receipt of final payment under this Agreement.

Successful bidder will be required to complete an Affidavit of Compliance/Disclosure of Participation in or Profits Derived from Slavery by Contractors before contract can be executed, if the company was established in or before 1865.

Small Business Enterprise (SBE) requirement for this project is 25% of the contract base bid. For a complete listing of City of Milwaukee certified SBE firms please contact the Office of Small Business Development at 414-286-5534. More information can be found at www.milwaukee.gov/osbd

This bid includes a Local Business(LBE) incentive in accordance with Chapter 365 Milwaukee Code of Ordinances.

IT IS YOUR RESPONSIBILITY AS A BIDDER TO FAMILIARIZE YOURSELF WITH THIS ORDINANCE PRIOR TO SUBMITTING YOUR BID.

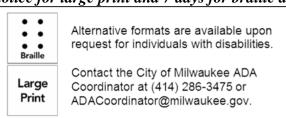
This bid includes Socially-Responsible Contractors (SRC) incentive in accordance with Chapter 310 Milwaukee Code of Ordinances. More information can be found at https://city.milwaukee.gov/Purchasing/Programs/Socially-Responsible-Contractors-SRC-Program.

COPIES OF THE CONTRACT DOCUMENTS MAY BE OBTAINED ELECTRONICALLY AT <a href="http://city.milwaukee.gov/Demobids">http://city.milwaukee.gov/Demobids</a>

PRINTED COPIES MAY BE PURCHASED IN PERSON AT THE DEPARTMENT OF NEIGHBORHOOD SERVICES AT THE ADDRESS SHOWN BELOW. THE COST IS \$.20 PER PAGE.

Anyone who requires an auxiliary aid or service for this event should contact the City of Milwaukee ADA Coordinator @ (414) 286-3475 or <a href="mailwaukee.gov">ADACoordinator@milwaukee.gov</a> as soon as possible but no later than 72 hours before the scheduled event.

This material is available in alternative formats for individuals with disabilities upon request. Please contact the City of Milwaukee ADA Coordinator @ (414) 286-3475 or <u>ADACoordinator@milwaukee.gov</u>. Provide a 72 hour advance notice for large print and 7 days for braille documents.



DEPARTMENT OF NEIGHBORHOOD SERVICES OF THE CITY OF MILWAUKEE 841 NORTH BROADWAY RM 105 MILWAUKEE WI 53202-3650

> February 10, 2019 February 11, 2019

### **BID DOCUMENTS**

**FOR** 

# MECHANICAL DEMOLITION PROJECT OPENING TUESDAY, FEBRUARY 25, 2020

Milwaukee, Wisconsin

# DEPARTMENT OF NEIGHBORHOOD SERVICES CITY OF MILWAUKEE

Room 105

841 North Broadway

Milwaukee, Wisconsin 53202-3650

WHEN SUBMITTING A BID FOR THIS PROJECT, PLEASE USE FORMS INCLUDED IN THIS PACKET.

### TECHNICAL SPECIFICATIONS

(for this contract only)

# 5.1.0. PARCEL LOCATIONS AND DESCRIPTION OF STRUCTURES FOR MECHANICAL DEMOLITION PROJECT OPENING TUESDAY, FEBRUARY 25, 2020

Parcel numbers, street addresses, approximate sizes of main structures to be demolished under this contract are listed in Section 5.7.0.

### 5.2.0. WORK BY OTHERS

Certain disconnections from utilities to be made by others are noted under sec. 4.3.23., entitled "Utility Services: Protection and Disconnection."

### 5.3.0. WORK NOT INCLUDED IN CONTRACT

- A. Work mentioned in Technical Specifications as not being a part of this contract.
- B. Replacing of curb and walk removed in connection with demolition of street walk basements (sidewalk vaults).
- C. Trees which are not damaged and are not obstructions to demolition as interpreted by the Commissioner, or unless otherwise noted in the Technical Specifications.

### 5.4.0. DEMOLITION WORK WITHIN PARCELS

- A. The structures, including foundation walls, columns, piers, floors, partitions, and attached appurtenances shall be removed down to a level two feet below the present ground level unless otherwise noted in Section 5.6.0 SCHEDULE OF DETAILED WORK WITHIN PARCELS and in any case two feet below the accepted finished grade by any method allowable under the City Building Code except for the following provisions.
- B. It shall be understood that the Contractor shall take whatever precautions are necessary to protect the City sidewalk. The Contractor shall also provide protection to the electric power poles and lines.
- C. The Contractor shall remove all portions of footing and foundation walls to a depth of two feet below finish grade unless otherwise noted in Section 5.6.0 SCHEDULE OF DETAILED WORK WITHIN PARCELS. All building concrete slabs, concrete stoops and concrete stairs to the buildings are also to be removed.
- D. All material and debris which would be disallowed for use as fill by sec. 4.5.6. is to be completely removed from the site and properly disposed of in accordance with all Environmental Requirements (as defined in sec. 4.5.1. above), except with the express advance, written permission of the Commissioner.
- E. All concrete or masonry floors below existing grade shall be broken up to pieces no larger than approximately one foot in all directions to permit fill to drain.

#### 5.5.0. SCHEDULE OF DRAWINGS

5.6.0. SCHEDULE OF DETAILED WORK WITHIN PARCELS
(ALL WORK TO BE DONE IN ACCORDANCE WITH THE CITY OF
MILWAUKEE DEPARTMENT OF NEIGHBORHOOD SERVICES
DEMOLITION AND SITE CLEARANCE GENERAL SPECIFICATIONS (1999
REVISION))

Parcel 1 — 2741-43 North 10<sup>th</sup> Street – 2-story frame 2-family dwelling

Remove dwelling, garage slab, sidewalks, concrete steps, trees, bushes and shrubs, driveway and approach and one curb cut. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Because demolition will result in the discontinuance of the use of an existing driveway, removal of the driveway and restoration of the street pavement, curb, gutter and sidewalk shall be a condition of the issuance of the demolition permit in accordance with section 218-6-10 of the Milwaukee Code of Ordinances. The cost of street pavement, curb, gutter and sidewalk removal and replacement is to be included in the bid price. Concrete work must be done by a licensed concrete contractor under DPW permit in accordance with DPW specifications. Any and all applicable permit fees are to be included in the bid price. Type 1 barricades with flashers must be placed in the road after curb removal. Barricades must be placed at each end of walk removal. Any winter protection of concrete is the responsibility of the contractor. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. (6 days to complete)

Parcel 2 – 2430 North 11<sup>th</sup> Street – 1.5-story frame 1-family dwelling

Remove dwelling, fences, garage slab, sidewalks, concrete steps, trees, bushes and shrubs. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. (8 days to complete)

Parcel 3A – 3101 North 20<sup>th</sup> Street – 2.5-story frame 2-family dwelling

Remove dwelling, fences on the north side of lot, sidewalks, concrete steps and railings, trees, bushes and shrubs. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. (8 days to complete)

Parcel 3B – 3105 North 20<sup>th</sup> Street – 1.5-story frame 1-family REAR dwelling

Remove REAR dwelling only. Remove sidewalks and concrete steps and railings serving rear dwelling only. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. The asbestos-containing materials and universal waste identified in HMG's report have been abated by a contractor hired by the City of Milwaukee. (5 days to complete)

Parcel 4 – 3245 North 25<sup>th</sup> Street – 2-story frame 2-family dwelling

Remove dwelling, garage retaining wall, fences, garage slab, sidewalks, clothes poles, concrete steps and railings, trees, bushes and shrubs. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. (7 days to complete)

Parcel 5 – 3286 North 25<sup>th</sup> Street – 2-story frame 2-family dwelling

Remove dwelling, fences and sidewalks. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. (8 days to complete)

Parcel 6 – 3133 North 27<sup>th</sup> Street – 2-story frame 2-family dwelling

Remove fire-damaged dwelling, fences, garage slab, sidewalks, clothes poles, concrete steps and railings, trees, bushes and shrubs. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. (6 days to complete)

Parcel 7 – 2841 North 29<sup>th</sup> Street–2.5-story frame 2-family dwelling and 1-story frame garage

Remove dwelling and garage, garage slab, sidewalks, concrete steps and railings, trees, bushes and shrubs. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. **ASBESTOS-CONTAINING MATERIALS AND UNIVERSAL WASTE LISTED IN THE REPORT WILL BE ABATED BY THE CITY'S CONTRACTOR PRIOR TO AWARD OF THE PARCEL FOR DEMOLITION.** 

The Milwaukee Fire Department will be using this building for burn training exercises for a recruit class. The City anticipates release of the parcel for demolition in July 2020 after the MFD has used the building for training. (6 days to complete)

Parcel 8 – 2635 North 35<sup>th</sup> Street – 2.5-story frame 2-family dwelling

Remove dwelling, fences, garage slab, sidewalks, trees **except** large tree at garage slab, bushes and shrubs. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. (8 days to complete)

Parcel 9 – 4563 North 38<sup>th</sup> Street – 1.5-story frame 1-family dwelling

Remove fire-damaged dwelling, garage slab, patio, sidewalks, bushes and shrubs. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. NOTE THAT THE INSPECTOR FROM HMG WAS UNABLE TO GAIN ACCESS TO THE BASEMENT BECAUSE IT WAS FLOODED AT TIME OF INSPECTION. (6 days to complete)

Parcel 10 – 1560 West Hopkins Street – 2-story frame 2-family dwelling

Remove dwelling, metal and wood fences, garage slab, patio, sidewalks, concrete steps, trees, bushes and shrubs, driveway and approach and one curb cut. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Because demolition will result in the discontinuance of the use of an existing driveway, removal of the driveway and restoration of the street pavement, curb, gutter and sidewalk shall be a condition of the issuance of the demolition permit in accordance with section 218-6-10 of the Milwaukee Code of Ordinances. The cost of street pavement, curb, gutter and sidewalk removal and replacement is to be included in the bid price. Concrete work must be done by a licensed concrete contractor under DPW permit in accordance with DPW specifications. Any and all applicable permit fees are to be included in the bid price. Type 1 barricades with flashers must be placed in the road after curb removal. Barricades must be placed at each end of walk removal. Any winter protection of concrete is the responsibility of the contractor. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a

demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. ASBESTOS-CONTAINING MATERIALS AND UNIVERSAL WASTE LISTED IN THE REPORT WILL BE ABATED BY THE CITY'S CONTRACTOR PRIOR TO AWARD OF THE PARCEL FOR MECHANICAL DEMOLITION. NOTE THAT THE INSPECTOR FROM HMG WAS UNABLE TO GAIN ACCESS TO THE BASEMENT BECAUSE IT WAS FLOODED AT TIME OF INSPECTION. (8 days to complete)

Refer to Section 5.7.0 for ownership information on the parcels.

The City of Milwaukee has contacted We Energies to cut gas and electrical services. Contractor is responsible for verifying that ALL utilities have been disconnected prior to starting work.

REQUIRED EROSION CONTROL MEASURES FOR PARCELS: CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AN EROSION CONTROL PERMIT AND INSTALLING CONTROL MEASURES PER THE REQUIREMENTS OF CHAPTER 290 OF THE MILWAUKEE CODE OF ORDINANCES. MEASURES MUST BE IN PLACE PRIOR TO DEMOLITION ACTIVITIES COMMENCING. CONTROL MEASURES MUST BE INTACT AT FINAL INSPECTION AND ARE TO REMAIN ON SITE.

FAILURE TO REQUEST OPEN BASEMENT INSPECTION WILL RESULT IN THE INSPECTOR REQUIRING COMPLETE RE-EXCAVATION OF THE PARCEL.

CONTRACTOR IS REQUIRED TO CONTACT THIS DEPARTMENT TO ARRANGE FOR AN INSPECTION IF ADDITIONAL ASBESTOS-CONTAINING MATERIALS ARE FOUND IN THE BUILDING AFTER ASBESTOS ABATEMENT OR DEMOLITION HAS COMMENCED.

IF MORE THAN 5 WASTE TIRES ARE REMOVED FROM ANY SITE, THEY MUST BE TRANSPORTED BY A LICENSED WASTE TIRE TRANSPORTER. LICENSED TRANSPORTER MUST BE LISTED IN THE LIST OF SUBCONTRACTORS SUBMITTED WITH THE BID DOCUMENTS IF OTHER THAN PRIME CONTRACTOR. FOR INFORMATION ON LICENSED TRANSPORTERS, CONTACT CITY OF MILWAUKEE WASTE TIRE COORDINATOR AT 414-286-5028.

MANAGEMENT OF ANY MERCURY-CONTAINING PRODUCTS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

MANAGEMENT OF ANY PCB'S OR PCB-CONTAINING PRODUCTS SHALL BE

IN ACCORDANCE WITH THE REQUIREMENTS OF ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS, INCLUDING CHAPTER NR157 OF THE WISCONSIN ADMINISTRATIVE CODE.

ANY REFRIGERANTS ON SITES MUST BE RECLAIMED BY A CERTIFIED CFC RECLAIMER. CERTIFIED RECLAIMER MUST BE LISTED IN THE LIST OF SUBCONTRACTORS SUBMITTED WITH THE BID DOCUMENTS IF OTHER THAN PRIME CONTRACTOR.

IF THE DEPARTMENT OF NEIGHBORHOOD SERVICES (DNS) HAS BEEN HOLDING A CONTRACT PAYMENT FOR A YEAR AND STILL HAS NOT RECEIVED REQUIRED DOCUMENTATION FROM THE CONTRACTOR TO CLOSE OUT THE CONTRACT, DNS MAY NOTIFY THE CONTRACTOR THAT UNLESS THE DOCUMENTATION IS FORTHCOMING WITHIN THIRTY (30) DAYS, THE PAYMENT WILL BE FORFEITED.

5.7.0. LOCATIONS AND DESCRIPTION OF BUILDINGS TO BE DEMOLISHED. (SEE ATTACHED)

### DEPARTMENT OF NEIGHBORHOOD SERVICES DEMOLITION PROJECTS

### FORMAL BIDS

The complete Bid Documents shall include Bids for Demolition form, one Noncollusion Affidavit of Prime Bidder, one Bid Bond form, one Bid Bond Form Affidavit, one Certificate as to Corporate Principal, a complete List of Subcontractors, a completed Form B (Compliance Plan for SBE participation) and the Price Breakdown Sheet.

The demolition contractor must include the plumbing contractor, asbestos abatement contractor, certified CFC reclaimer, licensed waste tire transporter and concrete contractor in the List of Subcontractors.

If any bidder has any questions as to the Bid Documents or Specifications, please contact this office by calling 414-286-2515.

### **BID FOR DEMOLITION**

Department of Neighborhood Services 841 North Broadway Milwaukee, Wisconsin

### Gentlemen:

1.	The undersigned, having familiarized	with the
existing cond	litions on the Project Area affecting the cost of the	e work, and with the Contract
Documents re	evised January, 1999, (which includes Invitation f	For Bids, Instruction to Bidders, the
form of Bid,	the form of the Bid Bond, Form of Contract (or ag	greement), form of Non-Collusion
Affidavit, Ad	ldenda (if any), General Conditions, Technical Sp	ecifications, Drawings (as listed in
the schedule	of drawings), and Form of Surety Bond or Bonds	); hereby proposes to furnish all
supervision,	technical personnel, labor, materials, machinery, t	ools, equipment and services
including util	lity and transportation services and to perform and	d complete all work required for
the demolitio	on of eleven (11) primary buildings and one (1) se	econdary building located in the
City of Milw	aukee, for mechanical Demolition Project openin	g February 25, 2020, all in
accordance w	vith the above-listed documents;	
(a)	for the lump sum of	Dollars
(\$	), in addition to and abo	ve the value of such salvage
materials spe	cified to become the property of the Bidder;	
(b)	in consideration of any salvaged materials which	h under the Contract Documents
are to become	e the property of the Bidder and other benefits, wi	ll pay the Department of
Neighborhoo	d Services of the City of Milwaukee, the sum of	
		Dollars
(\$	),	
(Bidder will s	strike out the subparagraph (a) or (b) not used.)	

- 2. In submitting this Bid, the Bidder understands that the right is reserved by the Commissioner of the Department of Neighborhood Services of the City of Milwaukee to reject any and all Bids as provided in sec. 2.8.2. of the <u>Instructions To Bidders</u>. If written notice of the acceptance of this Bid is mailed, faxed or delivered to the undersigned within sixty (60) calendar days after the opening thereof, or at any time thereafter before this Bid is withdrawn, the undersigned agrees to execute and deliver an Agreement in the prescribed form and furnish the required bond within fourteen (14) calendar days after the agreement is presented to him or her for signature.
- 3. A Bid Guaranty equal in amount to at least 10% of the total bid is enclosed, which certified check, bank draft or bid bond is submitted as a guaranty of the good faith of the Bidder and as a further guaranty that the Bidder will enter into the written Contract as provided, if successful in securing the award thereof. It is hereby agreed that if at any time other than as provided in the Instructions to Bidder, the Bidder should withdraw this Bid, or if this Bid is accepted and there should be a failure on the part of the Bidder to execute the Contract and furnish the required surety bond or bonds, the Department of Neighborhood Services, in either of such events, shall be entitled and is hereby given the right to retain said Bid Guaranty.
- 4. Attached hereto is an affidavit in proof that the undersigned has not colluded with any person in respect to this Bid or any other Bid for the Contract for which this Bid is submitted.
- 5. The Bidder is prepared to submit a financial and experience statement upon request.

Date	, 20
	Company Name
OFFICIAL ADDRESS	By
	TITLE

## 3.2.0. NON-COLLUSION AFFIDAVIT OF PRIME BIDDER

STA	TE OF)	
COU	)SS (NTY OF)	
	, being first duly sworn, de	eposes and says that:
(1)	S/he is	
	of, tl	representative or agent) ne Bidder that has submitted the attached Bid.
(2)	S/he is fully informed respecting the prepara all pertinent circumstances respecting such	ation and contents of the attached Bid and of Bid.
(3)	Such bid is genuine and is not a collusive or	sham bid.
(4)	connived or agreed, directly or indirectly, was a collusive or sham Bid in connection with the been submitted or to refrain from bidding in will have communication or conference with price or prices in the attached Bid or of any cost element of the bid price or the bid price collusion, conspiracy, connivance or unlawf	his affiant, has in any way colluded, conspired, ith any other Bidder, firm or person to submit the Contract for which the attached Bid has connection with such Contract, or has had or any other Bidder, firm or person to fix the other Bidder or to fix the overhead, profit or of any other Bidder, or to secure through any
(5)		id are fair and proper and are not tainted by lawful agreement on the part of the Bidder or imployees, or parties in interest, including this
(6)	Attached and following this affidavit is a furthe class of work to be performed by each, v	Il and complete list of all subcontractors and which the Bidder proposes to use.
Subso	cribed and sworn to before me	
	day of, 20	
Notai	ry Public, Milwaukee County, WI	Title
My c	ommission expires:	

## 3.8.0. BID BOND AFFIDAVIT

STATE OF WISCONSIN)SS MILWAUKEE COUNTY )
being first duly sworn, on oath deposes and says that s/he is
(Attorney-in-fact or agent)
of
surety on the within bond executed by
Affiant further deposes and says that no Commissioner or employee of the Department of Neighborhood Services of the City of Milwaukee, and no City official or employee of the City of Milwaukee has any interest, directly or indirectly in, or is receiving any premium, commission, fee or other thing of value on account of the sale or furnishing of said bid bond.
Subscribed and sworn to before me this
day of, 20
Notary Public, Milwaukee County, Wisconsin
My commission expires  Rev. 1/00

## 3.7.0. CERTIFICATE AS TO CORPORATE PRINCIPAL

I,	, certify that I am the
	Secretary of the corporation
named as Principal in the within bond; th	nat
	, who signed the said bond on
behalf of the Principal was then	
of said corporation; that I know his signa	ature, and his signature thereto is genuine, and that said
bond was duly signed, sealed, and atteste	ed to for and in behalf of said corporation by authority of its
governing body.	
	(Corporate)
Title	(Seal)

### 3.3.0. COMPLETE LIST OF SUBCONTRACTORS

(Include Plumbing Contractor, Hauling Contractor, Asbestos Abatement Contractor, Certified CFC Reclaimer, Licensed Waste Tire Transporter and Licensed Concrete Contractor)

Name of Proposed Subcontractor	Class of Work
Address	
Address	
Address	
Address	
Address	
Address	

### MECHANICAL DEMOLITION PROJECT OPENING 2-25-2020 LOCATION AND DESCRIPTION OF BUILDINGS TO BE DEMOLISHED

Parce Numl		Stories	Construc.	Occupancy	Residential Units	Owner	Cubic Footage
1	2741-43 North 10 <sup>th</sup> Street	2	frame	dwelling	2	CITY	30,000
2	2430 North 11 <sup>th</sup> Street	1.5	frame	dwelling	1	CITY	25,000
ЗА	3101 North 20th Street	2.5	frame	dwelling	2	CITY	24,000
3B	3105 North 20 <sup>th</sup> Street	1.5	frame	REAR dwelling	1	CITY	15,000
4	3245 North 25 <sup>th</sup> Street	2	frame	dwelling	2	CITY	25,000
5	3286 North 25 <sup>th</sup> Street	2	frame	dwelling	2	CITY	28,750
6	3133 North 27 <sup>th</sup> Street	2.5	frame	dwelling	2	CITY	28,800
7	2841 North 29 <sup>th</sup> Street 2841 North 29 <sup>th</sup> Street	2.5 1	frame frame	dwelling garage	2 -	CITY	30,000 6,000
8	2635 North 35 <sup>th</sup> Street	2.5	frame	dwelling	2	CITY	30,000
9	4563 North 38 <sup>th</sup> Street	1.5	frame	dwelling	1	CITY	12,000
10	1560 West Hopkins Street	2	frame	dwelling	2	CITY	15,8400

Demolition contractor has the responsibility of verifying the listed information before bid is submitted. Bid is to be based upon contractor's own inspection of the structures and sites. No guarantee is made as to the accuracy of the above listed information, and the bid/contract shall not be invalidated by any errors in the descriptions and sizes listed.

## CONTRACTOR MUST SUBMIT FORM WITH ALL ORIGINAL SIGNATURES.

### BID BOND FORM

KNOW ALL PERSONS BY THESE PRES	ENTS, That we the undersigned,
(Name of as PRINCIPAL, and	of Principal)
,	
(Na	me of Surety) , as SURETY
are held and firmly bound unto the Departm City of Milwaukee hereinafter called the "B 10 percent of the total bid of:	Ę
Parcel 1	Dollars \$
Parcel 2	Dollars \$
	Dollars \$
(sum of 3A & 3B) Parcel 4	Dollars \$
Parcel 5	Dollars \$
Parcel 6	Dollars \$
Parcel 7	Dollars \$
Parcel 8	Dollars \$
Parcel 9	Dollars \$
Parcel 10	Dollars \$

(bid price in words)

(bid price in numerals)

lawful money of the United States, in addition to and above the value of such salvage materials specified to become the property of the Bidder, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITI the accompanyi		OBLIGATION IS S	SUCH, that where	eas the Principal ha	as submitted
dated		, for DNS PROJE			
<b>DEMOLITION</b>	OF 11 PRIMA	ARY BUILDINGS A	<u>AND 1 SECONI</u>	<u>)ARY BUILDING</u>	<u>(</u>

NOW THEREFORE, if the Principal shall be awarded the contract and if his/her Bid shall not have been previously withdrawn in accordance with the provisions of the instructions to Bidders, and if the Principal shall enter into a formal contract with the Building Inspector in accordance with the accepted Bids, said Bid shall be accompanied by good and sufficient surety or sureties for the faithful performance of the work, then this obligation is void and of no effect. However, in the event that the Principal shall be awarded the contract, his/her Bid not being previously withdrawn in accordance with the instructions to Bidders, and if the Principal shall neglect or fail to execute such contract or to give sufficient surety or sureties within the time specified, or if no time be specified, within 14 days, then the Principal and/or surety shall forfeit to the Building Inspector as liquidated damages the amount of this bond. Revised 1/01

gffixed and those presents duly signal to	y its undersigned representative, pursua	e party being he
governing body.	y its undersigned representative, pursua	ini to authority o
n presence of:		
		(SEAL)
	(Individual Principa	
	(Business Address)	
		(SEAL)
	(Individual Principa	1)
Attest:	(Business Address)	
	(Corporate Principa	(SEAL)
	(Corporate Finicipa	1)
	(Business Address)	affix
	Ву	corporate seal
Attest:		
	_	
Countersigned	(Corporate Suret	y)
Dy	By	
Attorney-in-Fact		corporate Seal

## CITY OF MILWAUKEE DEPARTMENT OF NEIGHBORHOOD SERVICES AFFIDAVIT OF COMPLIANCE WITH THE SMALL BUSINESS ENTERPRISE (SBE) PROVISIONS

BIDS DUE: 2-25-2020

The bidders minimum commitment for SBE participation on this project is as follows:

REQUIRED OVERALL PROJECT PARTICIPATION				
	SBE	25%		

The Commissioner of the Department of Neighborhood Services reserves the right to reject and disqualify any bid that does not achieve the percentage requirement for this project. This also applies if the undersigned contractor fails to comply with the City's requirements as outlined in the SBE provisions.

The undersigned hereby states that s/he has not discriminated in any manner on the basis of race, sex, or national origin in any manner in the preparation of the attached bid or selection of subcontractors and/or material suppliers for such bid.

The undersigned acknowledges, understands and agrees that submission of a bid shall commit the bidder to comply with the City's SBE policy to achieve the City's stated percentage requirements for SBE participation on this contract, including submission of the information required by the proposed schedule of subcontractors and/or material suppliers.

CONTRACTOR AFFIRMS THAT THEY WILL MEET THE FOLLOWING MINIMUM SBE PROGRAM REQUIREMENTS: (BIDDER MUST WRITE IN PERCENTAGE AND SUBMIT WITH BID DOCUMENTS.)

Authorized Signature	_ Date	
Authorized Signature	Date	
Printed Name	Title	
Company Name		
STATE OF WISCONSIN ) COUNTY OF MILWAUKEE )		
Personally came before me this day of	,,	
who acknowledges that s/he execute the purpose therein contained for and on behalf of said of		
IN WITNESS WHEREOF, I have hereunto set my hand	and official seal.	
Notary Public, Milwaukee County, WI		
My Commission expires:		

### PRICE BREAKDOWN

		1	1		1
NO.	PARCEL ADDRESS	ASBESTOS ABATEMENT	DEMOLITION DWELLING	DEMOLITION GARAGE	TOTAL
1	2741-43 North 10 <sup>th</sup> Street (dwelling)				
2	2430 North 11 <sup>th</sup> Street (dwelling)				
3A	3101 North 20 <sup>th</sup> Street (dwelling)				
3B	3105 North 20 <sup>th</sup> Street (REAR dwelling)				
	LUMP SUM TOTAL FOR 3A & 3B				
4	3245 North 25 <sup>th</sup> Street (dwelling)				
5	3286 North 25 <sup>th</sup> Street (dwelling)				
6	3133 North 27 <sup>th</sup> Street (dwelling)				
7	2841 North 29 <sup>th</sup> Street (dwelling & garage)				
8	2635 North 35 <sup>th</sup> Street (dwelling)				
9	4563 North 38 <sup>th</sup> Street (dwelling)				
10	1560 West Hopkins Street (dwelling)				

NOTE: If bidder fails to list price breakdown for garage, it will be assumed that the cost to the City of Milwaukee for demolishing the garage is \$0.



## DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION

## LOCAL BUSINESS ENTERPRISE (LBE) PROGRAM AFFIDAVIT OF COMPLIANCE

IMPORTANT: This form must be submitted with your bid to be considered for LBE status.
Bid/RFP #:
Company Name:
Address:
City, State, Zip
<ol> <li>This signed and notarized affidavit of compliance will be the contractor's sworn statement that the business satisfies all of the following criteria:         <ol> <li>Operates a business, or owns or leases property within the geographical boundaries of the City of Milwaukee. Post office boxes shall not suffice to establish status as a Local Business Enterprise.</li> <li>A residential address may suffice to establish compliance as a Local Business Enterprise, but only if the business does not operate another business, or own or lease other real property, either within or outside the geographical boundaries of the City of Milwaukee.</li> </ol> </li> <li>Leased property shall not suffice to establish compliance as a Local Business Enterprise unless at least half of the acreage of all the real property owned or leased by the business is located within the geographical boundaries of the City of Milwaukee.</li> <li>Has been doing business in the City of Milwaukee for at least one (1) year.</li> <li>The business is not delinquent in the payment of any local taxes, charges or fees, or the business has entered into an agreement to pay any delinquency and is abiding by the terms of the agreement.</li> <li>The business will perform at least 10% of the monetary value of the work required under the contract.</li> </ol>
<u>IMPORTANT</u> : Is your business certified as a Small Business Enterprise (SBE) with the City of Milwaukee? Please Select:Yes orNo
<u>NOTE</u> : If you are the primary owner of more than one business location and the other business location(s) is not located within the geographical boundaries of the City of Milwaukee, the business you are seeking to qualify as a Local Business Enterprise must serve as the primary functionally operational entity that is capable of providing the required services, commodities, or supplies for the purposes of this Bid/RFP. If you own more than one business, please list the name of the business(es) and their addresses on the "Business Property Location" form.
<u>SITE VISITS:</u> Please note the contractor agrees to allow the City to verify Local Business Enterprise status by allowing City Staff to visit the operation(s) of the business that is seeking Local Business Enterprise status at any time without notice, in an effort to maintain the integrity of the City's bidding process.
I hereby declare compliance with the City of Milwaukee Code of Ordinances Chapter 365.
Authorized Signature:
Printed Name:
Date:

### **NOTARIZATION**

Subscribed to before me on this	day of	in the y	ear	, at
	County,	S	tate.	
NOTARY PUBLIC SIGNATURE:			(2)	SEAL
PRINT NAME:		_ My commission expires:		_

PLEASE SUBMIT THIS FORM WITH YOUR BID OR PROPOSAL TO: 841 NORTH BROADWAY, ROOM 105
MILWAUKEE, WISCONSIN 53202



### DEPARTMENT OF NEIGHBORHOOD SERVICES

## LOCAL BUSINESS ENTERPRISE (LBE) PROGRAM BUSINESS PROPERTY LOCATION FORM

**Important Note:** This form must be submitted with your bid to be considered for LBE status.

Bid / RFP #	
<b>Property Location</b>	1 Check one: Own [ ] Lease [ ]
Name:	
Address:	
City, State, Zip	
Property Location	2 Check one: Own [ ] Lease [ ]
Name:	
Address:	
City, State, Zip	
Property Location	3 Check one: Own [ ] Lease [ ]
Name:	
Address:	
City, State, Zip	
<b>Property Location</b>	4 Check one: Own [ ] Lease [ ]
Name:	
Address:	
City, State, Zip	

PLEASE SUBMIT THIS FORM WITH YOUR BID TO:

DEPT. OF NEIGHBORHOOD SERVICES 841 NORTH BROADWAY, ROOM 105 MILWAUKEE, WISCONSIN 53202

### Socially-Responsible Contractors (SRC) Application

- A. If the bids of two or more socially-responsible contractors do not exceed the lowest bid by more than 5%, the contract shall be awarded to the socially-responsible contractor that submitted a bid that exceeded the lowest bid by the smallest amount.
- B. If a bid submitted by a non-socially-responsible contractor and a bid submitted by a socially-responsible contractor are identical, the contract shall be awarded to the socially-responsible contractor, even if the bids are only identical due to the 5% award standard provided for in this chapter.
- C. If two bids submitted by two socially-responsible contractors are identical, the winner will be determined in accordance with the process for tie-breakers as established by the City Purchasing Director.
- D. If the difference between the low bidder's amount and the lowest socially-responsible contractor amount is within 5% of the low bidder and exceeds \$25,000, then the provisions in SRC Application point A shall not apply.
- E. SRC Application point A shall only be applied to the "base bid".
- F. If a bidder or proposer is seeking to qualify for the SRC bid incentive, that bidder or proposer may not also seek to qualify for the City's other bid incentive programs such as the Local Business Enterprise (LBE) bid incentive (city.milwaukee.gov/Purchasing/Programs) or the Buy American bid incentive (city.milwaukee.gov/Purchasing/Programs). Should there be a conflict between multiple bidders that are seeking to qualify for these incentives, precedence shall be given to the bidder seeking to qualify for a bid incentive in the following descending order:
  - 1. LBE bid incentive
  - 2. Buy American bid incentive
  - 3. SRC bid incentive



### DEPARTMENT OF ADMINISTRATION-PURCHASING DIVISION

## SOCIALLY-RESPONSIBLE CONTRACTORS (SRC) AFFIDAVIT OF COMPLIANCE

NOTE: This affidavit must be completed in its entirety and submitted with your bid or proposal to be considered for SRC bid incentive. Bid or RFP #: Company Name: Address, City, State, Zip: A "Socially-Responsible Contractor" or "SRC" is an entity submitting a bid as part of the City's formal competitive bidding process that has acted or implemented a program to eliminate, or significantly reduce, barriers to employment for current and prospective employees of the contractor. Actions or implemented programs shall include at least three (3) of the programs listed in Section I below. To indicate which programs you have acted or implemented, place a checkmark in the box next to each item pertaining to the business entity as a bidder or proposer for the City of Milwaukee. SRC CRITERIA Hire persons with felony convictions; Assist current or prospective employees with earning their high school diploma; Underwrite or facilitate industry-linked career-assessed pre-employment services and subsidized work experience including: internships, job shadowing, on-the-job training, and summer employment; Partner with an employment service agency to monitor and track individualized employment plans; Provide, underwrite, or facilitate industry-linked career-based instruction to current or prospective employees in areas such as the following: blueprint reading, basic math and measurement, technical math, labor history, construction culture and essential skills, health and safety awareness, manufacturing processes and production, maintenance, and budgeting and financial literacy; Provide or facilitate occupational skills training and related adult mentoring and networking; Underwrite or facilitate subsidized or unsubsidized programs which provide supportive services for current or prospective employees to obtain or fund the following: A valid driver's license Transportation vouchers to work and home Appropriate work attire, work safety gear, and other needed equipment Testing and certification fees Legal aid services Child care and family-related dependent care Emergency housing, health care, and short-term emergency assistance Career and training services School supplies, books, and fees Referrals for medical services and exams Reasonable accommodations for persons with disabilities Partner with employment agencies to supplement subsidized wages to ensure employees receive a living wage; Provide breast feeding facilities for employees who are nursing children; I. Provide a minimum of 120 hours of paid sick leave; J. K. Provide a minimum of five (5) paid sick days; Provide an employer-assisted housing program providing homebuyer assistance in the form of mortgages, down payment assistance, or homebuyer education for residences within walking distance of their employer; Provide assistance to reduce fees and penalties on tardy child support payments, manage payment of child support arrears, and become current on child support obligations.

		CLOSURE	
by socially-responsible contractors are shall submit, as part of its bid or prop	osal, this sworn affidavit	SRC) is to ensure contributions toward contributions toward contributions toward contributions to qualify describing actions taken and programs in the prospective employees of the contractors section below. (Please include an attachment of the contribution of the co	plemented to eliminate, or or. The outcomes of these
Socially-Responsible Contractors pur	suant to Chapter 310-10 of	contractor's sworn statement that the busing of the City of Milwaukee Code of Ordinan	ness satisfies the criteria for ces.
I hereby declare compliance with Cha	ipter 310-10 of the City o	I Milwaukee Code of Ordinances.	
Authorized Signature:			
Printed Name:			
Date:			
	III. NOT	ΓARIZATION	
Subscribed to before me on this	day of	in the year	, at
	County,	State.	
NOTARY PUBLIC SIGNATURE: _			(SEAL)
			(SEAL)
PRINT NAME:		My commission expires:	
PLEASE	SUBMIT THIS FORM	I WTH YOUR BID OR PROPOSAL TO	<u>)</u> ;
	200 E. WEI	LLS STREET, ROOM 601 KEE, WISCONSIN 53202	
		AX TO 414-286-5976	



## **DECONSTRUCTION INSPECTION REPORT Job Site:**

Two Family Dwelling 2741-43 North 10<sup>th</sup> Street Milwaukee, Wisconsin

For:

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1<sup>st</sup> Floor
Milwaukee, Wisconsin 53202-3613

HMG Report No.: 19-400-037.2741-43 Inspector: Cecil Trawick Contract No.: 360-19-0975

Prepared by:

### HARENDA MANAGEMENT GROUP

1237 West Bruce Street Milwaukee, Wisconsin 53204 (414) 383-4800

**July 2019** 

### Signature Page

Deconstruction Inspection Report Two Family Dwelling 2741-43 North 10<sup>th</sup> Street Milwaukee, Wisconsin

Dean Jacobsen

Asbestos Inspector No. AII – 14370

Expiration Date: 12/2/19 Harenda Management Group Cecil Trawick

Asbestos Inspector No. AII - 104769

Expiration Date: 10/2/19 Harenda Management Group July 29, 2019

City of Milwaukee Department of Neighborhood Services Attn: Marge Piwaron 841 North Broadway 1<sup>st</sup> Floor Milwaukee, Wisconsin 53202-3613

RE: Deconstruction Inspection Report

2741-43 North 10th Street

Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2741-43 North 10<sup>th</sup> Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP

Dean Jacobsen

Asbestos Inspector No. AII - 14370

### **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 2741-43 North 10<sup>th</sup> Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in 1st floor kitchen floor tile, basement stair linoleum, and basement aircell pipe insulation sampled during the inspection. Asbestos was assumed to be in the roof flashing at the chimney. Results are in Section IV of this report.

Lead was detected in paint on the interior basement walls and exterior porch columns and basement walls. Results are in Section V of this report.

## TABLE OF CONTENTS Deconstruction Inspection Report

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#### I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling at 2741-43 North 10<sup>th</sup> Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has vinyl and wood walls with asphalt roofing.

#### II. ASBESTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

On July 18, 2019, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 2741-43 North 10<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Cecil Trawick, Wisconsin License No. AII – 104769, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

- 1. A visual determination as to the extent of suspect asbestos containing materials within the building.
- 2. Sampling and documentation of observable suspect asbestos containing materials.
- 3. Quantification of observable asbestos containing materials existing within the spaces.
- 4. Sampling of suspect lead painted masonry surfaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Paper insulation
- Blown in insulation
- Caulk
- Ceramic tile
- Floor tile
- Linoleum
- Asphalt roofing
- Tar paper
- Flue packing
- Window glazing compound
- Aircell pipe insulation
- Ceiling tile

- Drywall
- Plaster
- Roof flashing
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

#### III. ASBESTOS LABORATORY

#### A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crodcidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

#### IV. ASBESTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – east wall under wood siding – black paper insulation	Negative	MPIk
2	Exterior – north wall under wood siding – black paper insulation	Negative	MPIk
3	Exterior – south wall under wood siding – black paper insulation	Negative	MPIk
4	Exterior – in east wall – blown in insulation	Negative	MBI
5	Exterior – in north wall – blown in insulation	Negative	MBI
6	Exterior – in south wall – blown in insulation	Negative	MBI
7	1st floor – front porch – on east window – white caulk	Negative	MCLKw
8a	1 <sup>st</sup> floor – bathroom floor – white ceramic tile	Negative	MCTMw

Sample #	Location and Description	Results	Homogeneous Code
8b	1 <sup>st</sup> floor – bathroom floor – under white ceramic tile – mortar	Negative	MCTMw
9a	1 <sup>st</sup> floor – bathroom – on east wall – blue ceramic tile	Negative	MCTMb
9b	1st floor – bathroom – on east wall – grout	Negative	MCTMb
10	1st floor – kitchen – southeast top layer – 12" brown and	Positive 5%	MF12ne
	beige floor tile	Chrysotile	
11	1st floor – kitchen – northwest top layer – 12" brown and	Positive 5%	MF12ne
	beige floor tile	Chrysotile	
12	1st floor – kitchen – northeast top layer – 12" brown and	Positive 5%	MF12ne
	beige floor tile	Chrysotile	
13	1 <sup>st</sup> floor – kitchen – southeast 2 <sup>nd</sup> layer – yellow linoleum	Negative	MFL1
14	1 <sup>st</sup> floor – kitchen – northwest 2 <sup>nd</sup> layer – yellow linoleum	Negative	MFL1
15	1 <sup>st</sup> floor – kitchen – northeast 2 <sup>nd</sup> layer – yellow linoleum	Negative	MFL1
16a	1 <sup>st</sup> floor – kitchen – southeast 3 <sup>rd</sup> layer – on brown and tan	Negative	MFLnt
	linoleum – brown mastic		
16b	1 <sup>st</sup> floor – kitchen – southeast 3 <sup>rd</sup> layer – brown and tan	Negative	MFLnt
	linoleum		
17a	1 <sup>st</sup> floor – kitchen – northwest 3 <sup>rd</sup> layer – on brown and tan	Negative	MFLnt
	linoleum – brown mastic		
17b	1st floor – kitchen – northwest 3rd layer – brown and tan	Negative	MFLnt
	linoleum		
18a	1 <sup>st</sup> floor – kitchen – northeast 3 <sup>rd</sup> layer – on brown and tan	Negative	MFLnt
	linoleum – brown mastic		
18b	1 <sup>st</sup> floor – kitchen – northeast 3 <sup>rd</sup> layer – brown and tan	Negative	MFLnt
	linoleum		
19	1 <sup>st</sup> floor – rear stair landing – 12" red floor tile	Positive 2%	MF12r
		Chrysotile	
19	POINT COUNT RESULT	Trace 0.75%	MF12r
		Chrysotile	
20	2 <sup>nd</sup> floor – kitchen – west side top layer – 12" white and blue	Negative	MF12wb
	floor tile		
21	2 <sup>nd</sup> floor – kitchen – north side top layer – 12" white and	Negative	MF12wb
	blue floor tile		
22	2 <sup>nd</sup> floor – kitchen – east side top layer – 12" white and blue	Negative	MF12wb
	floor tile		
23	2 <sup>nd</sup> floor – kitchen – west side 4 <sup>th</sup> layer – white and gray	Negative	MFLwy
	linoleum		
24	2 <sup>nd</sup> floor – kitchen – north side 4 <sup>th</sup> layer – white and gray	Negative	MFLwy
	linoleum		
25	2 <sup>nd</sup> floor – kitchen – east side 4 <sup>th</sup> layer – white and gray	Negative	MFLwy
	linoleum		
26	2 <sup>nd</sup> floor – kitchen – west side 2 <sup>nd</sup> layer – 12" white floor tile	Negative	MF12w
27	2 <sup>nd</sup> floor – kitchen – north side top layer – 12" white floor	Negative	MF12w
	tile		
28	2 <sup>nd</sup> floor – kitchen – east side top layer – 12" white floor tile	Negative	MF12w
29	2 <sup>nd</sup> floor – kitchen – at north doorway – yellow and tan	Negative	MFLlt
	linoleum		
30	2 <sup>nd</sup> floor – kitchen – at east doorway – tan linoleum	Negative	MFLt
31	2 <sup>nd</sup> floor – northeast bedroom – southwest – 12" tan and	Negative	MF12tn
	brown floor tile		
32	2 <sup>nd</sup> floor – northeast bedroom – northwest – 12" tan and	Negative	MF12tn
	brown floor tile		
33	2 <sup>nd</sup> floor – northeast bedroom – southeast – 12" tan and	Negative	MF12tn
	brown floor tile		
34	Roof – northwest top layer – red and white asphalt shingle	Negative	MRSrw

Sample #	Location and Description	Results	Homogeneous Code
35	Roof – southwest top layer – red and white asphalt shingle	Negative	MRSrw
36	Roof – northeast top layer – red and white asphalt shingle	Negative	MRSrw
37	Roof – northwest 2 <sup>nd</sup> layer – tar paper	Negative	MPT
38	Roof – southwest 2 <sup>nd</sup> layer – tar paper	Negative	MPT
39	Roof – northeast 2 <sup>nd</sup> layer – tar paper	Negative	MPT
40	Basement – on chimney – flue packing	Negative	TFP
41	1st floor – living room – on south window – glazing	Positive 2%	MPG
	compound	Chrysotile	
41	POINT COUNT RESULT	Trace 0.5%	MPG
		Chrysotile	
42	2 <sup>nd</sup> floor – kitchen – on west window – glazing compound	Negative	MPG
43	Basement – on south window – glazing compound	Negative	MPG
44	Basement – south center - <5" diameter aircell pipe	Positive 55%	TA5
	insulation	Chrysotile	
45	Basement – north center - <5" diameter aircell pipe	Positive 55%	TA5
	insulation	Chrysotile	
46	Basement – northwest - <5" diameter aircell pipe	Positive 55%	TA5
	insulation	Chrysotile	
47	Basement – 12" red and tan floor tile	Trace <1%	MF12rt
		Chrysotile	
47	POINT COUNT RESULT	Trace 0.25%	MF12rt
40	The state of the s	Chrysotile	N A TOTAL
49	Basement – stair – on landing 2 <sup>nd</sup> layer – red and white	Positive 20%	MFLrw
7.0	linoleum	Chrysotile	) to off
50	1 <sup>st</sup> floor – hall – white ceiling tile	Negative	MSCTw
51	Basement – hall west side – white ceiling tile	Negative	MSCTw
52	Basement – hall east side – white ceiling tile	Negative	MSCTw
53	1st floor – living room – south wall – drywall	Negative	MDW
54	1st floor – kitchen – south wall – drywall	Negative	MDW
55	2 <sup>nd</sup> floor – hall – north wall – drywall	Negative	MDW
56	1st floor – living room – west wall – plaster	Negative	SP1
57	1st floor – hall – north wall – plaster	Negative	SP1
58	1 <sup>st</sup> floor – northeast bedroom – south wall – plaster	Negative	SP1
59	1 <sup>st</sup> floor – northwest bedroom – west wall – plaster	Negative	SPI
60	2 <sup>nd</sup> floor – kitchen – south wall – plaster	Negative	SP1
61	2 <sup>nd</sup> floor – hall – ceiling – plaster	Negative	SPl
62	$2^{nd}$ floor – northeast bedroom – south – plaster	Negative	SPl

Three (3) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACMs):

Material	Homogeneous	Location	Approximate	Material Type
	Code		Quantity	
12" Brown & Beige Floor Tile	MF12ne	1st Floor Kitchen Top Layer	160 SF	Category I Non-Friable
<5" Diameter Aircell Pipe Insulation	TA5	Basement	15 LF	Friable
Red & White Linoleum	MFLrw	Basement Stair Landing 2 <sup>nd</sup> Layer	10 SF	Friable

Three (3) of the materials sampled contain less than 1% asbestos and are not ACMs:

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
12" Red Floor Tile	MF12r	Basement Stair Landing	40 SF	Category I Non-Friable
Window Glazing Compound	MPG	Windows on All Floors	34 Windows	Category II Non-Friable
12" Red & Tan Floor Tile	MF12rt	Basement	200 SF	Category I Non-Friable

#### **Assumed Asbestos Containing Materials**

Material	Location	Approximate Quantity	Material Type
Roof Flashing	Roof at Chimney	5 SF	Category I Non-Friable

The flashing was not accessible at the time of the inspection.

Note #1: The ACMs listed above are friable and category I non-friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that these materials be abated prior to deconstruction.

Note#2: The 12" red floor tile, window glazing compound, and 12" red and tan floor tile contain less than 1% asbestos as verified by the point count method, and by definition in NR 447 are not ACMs. The contractor must follow U.S. Occupational Safety and Health Administration requirements in 29 CFR 1926.1101 (Asbestos in Construction) during removal. This regulation requires the employer to protect employees from asbestos exposure if any amount of asbestos is present. These requirements include:

- Exposure assessments
- Use of respirators and protective clothing until exposure assessments results are known,
- Using wet methods and HEPA vacuums for cleanup of the joint compound,
- Putting waste in leak tight asbestos labeled containers

HMG recommends that the 12" red floor tile, window glazing compound, and 12" red and tan floor tile be removed by a Wisconsin certified asbestos company, as necessary, as part of the deconstruction project.

**Note#3:** If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

Note#4: A copy of this report should be transmitted to the deconstruction contractor.

Note#5: Additional aircell may be within walls and ceilings.

#### **Homogeneous Material Codes**

SPl	Plaster
MPIk	Black Paper Insulation
MBI	Blown in Insulation
MCLKw	White Caulk
MCTMw	White Ceramic Tile
MCTMb	Blue Ceramic Tile
MF12ne	12" Brown & Beige Floor Tile
MF12wb	12" White & Blue Floor Tile
MF12w	12" White Floor Tile
MF12tn	12" Tan & Brown Floor Tile

#### **Homogeneous Material Codes**

MF12rt 12" Red & Tan Floor Tile
MFLl Yellow Linoleum
MFLnt Brown & Tan Linoleum
MFLwy White & Gray Linoleum
MFLlt Yellow & Tan Linoleum

MFLt Tan Linoleum

MFLrw Red & White Linoleum
MRSrw Red & White Asphalt Shingle

MPT Tar Paper Walls

MPG Window Glazing Compound

MSCTw White Ceiling Tile

MDW Drywall TFP Flue Packing

TA5 <5" Diameter Aircell Pipe Insulation

#### V. LEAD PAINT INSPECTION

#### A. Methods

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 2741-43 North 10<sup>th</sup> Street, Milwaukee, Wisconsin, took place on July 18, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

#### **B.** Component Testing Results

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section X.

Interior: 2741-43 North 10th Street, Milwaukee, Wisconsin

• Painted block was observed on the interior basement walls. Lead based paint was not detected.

Exterior: 2741-43 North 10th Street, Milwaukee, Wisconsin

• Painted block and brick were observed on the exterior porch columns and basement walls. Lead based paint was not detected.

The following are the laboratory results.

Site: 2741-43 North 10<sup>th</sup> Street, Milwaukee, Wisconsin

Paint Testing Results							
Sample	Sample Room Component Substrate Color Result (% Le						
P1	Exterior	Front Porch Column	Block	Red	0.0183		
P2	Exterior	Front Porch Column	Block	White	0.0112		
Р3	Basement	South Wall	Brick	Green	0.0123		

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <a href="https://www.osha.gov/SLTC/lead/index.html">https://www.osha.gov/SLTC/lead/index.html</a> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

#### VI. EXCLUSIONS

Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the deconstruction contractor.

Date: 7/18/19

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

#### VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos and paint testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.

### VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

#### **ASBESTOS**

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.

#### **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

N/A	Air Conditioners (roof top, room, and central)
N/A	Dehumidifiers
<u>N/A</u>	Heat Pumps
N/A	Refrigerators, Freezers, Chillers
N/A	Vending Machines, Food Display Cases
N/A	Walk-in Coolers
N/A	Water Fountains (bubblers)
N/A	Fire Extinguishers (both portable and installed HALON suppression systems)
N/A	Water Coolers

#### **LEAD**

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

#### **MERCURY**

Products that may contain mercury:

#### LIGHTING

N/A Fluorescent Lights

N/A High Intensity Discharge

-Metal Halide

-High Pressure Sodium

-Mercury Vapor

N/A Neon

N/A Switches for lighting using mercury relays

-Look for any control associated with exterior or automated

lighting systems such as "Silent" wall switches.

#### **HVAC**

Check thermostats and any control associated with air handling units for switches containing mercury.

### HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

<u>N/A</u> Old Thermostats

<u>N/A</u> Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

#### BOILERS, FURNACES, HEATERS AND TANKS

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

<u>N/A</u> Space Heaters

	N/A	Load Meters and Supply Relays
	N/A	Phase Splitters
	N/A	Microwave Relays
	N/A	Mercury Displacement Relays
PCBs a	and should be not also and should be not also and the notation.	manufactured prior to 1987, it is safe to assume that they contain nanaged accordingly. Most equipment manufactured after this time. The following is a list of areas in a building where PCBs may be
	<u>N/A</u>	Transformers
	<u>N/A</u>	Capacitors (appliances, electronic equipment)
	N/A	Heat Transfer Equipment
	N/A	Ballasts
	N/A	Specialty Paints (such as for swimming pools or other industrial
	N/A	applications) Sumps or Oil Traps (in maintenance and industrial facilities)
ОТНЕ	R ENVIRON	MENTAL ISSUES
	<u>N/A</u>	Hazardous Waste
	N/A	Oil Tanks
	N/A	Well Abandonment
	N/A	Junk Auto Tires

N/A

Junk Vehicles

**ELECTRICAL SYSTEMS** 

## IX. ASBESTOS LABORATORY RESULTS

#### **Analysis Report**



# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Order #:

327171

07/22/19

07/24/19

07/25/19

**Customer:** Harenda Management Group (5065)

Address: 1237 West Bruce Street

Milwaukee, WI 53204

Attn: Received
Analyzed
Reported

Project:

Location: Wisconsin

Number: 19-400-037.2741-43

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

Metriou.	LI A 000/1	(-33/110 tx <del>1</del> 0	CLIK App. L Sub. LT t.	700 FLIVI	Allalysis	
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials	
327171-001	07/18/19	1	Wisconsin			
Layer 1:	Fibrous N	/laterial		None Detected	45% CELLULOSE FIBER	
Black, E	Bituminous/	Fibrous			10% NON FIBROUS MATER	≀IAL
					45% SYNTHETIC FIBER	
327171-002	07/18/19	2	Wisconsin			
Layer 1:	Fibrous N	/laterial		None Detected	45% CELLULOSE FIBER	
Black, E	Bituminous/	Fibrous			10% NON FIBROUS MATER	≀IAL
					45% SYNTHETIC FIBER	
327171-003	07/18/19	3	Wisconsin			
Layer 1:	Fibrous N	/laterial		None Detected	45% CELLULOSE FIBER	
Black, E	Bituminous/	Fibrous			10% NON FIBROUS MATER	≀IAL
					45% SYNTHETIC FIBER	
327171-004	07/18/19	4	Wisconsin			
Layer 1:	Fibrous N	/laterial		None Detected	90% MINERAL/GLASS WOO	)L
White, F	Fibrous				10% NON FIBROUS MATER	lAL
327171-005	07/18/19	5	Wisconsin			
Layer 1:	Fibrous N	/laterial		None Detected	90% MINERAL/GLASS WOO	)L
White, F	Fibrous				10% NON FIBROUS MATER	lAL
327171-006	07/18/19	6	Wisconsin			
Layer 1:	Fibrous N	/laterial		None Detected	90% MINERAL/GLASS WOO	)L
White, F	ibrous				10% NON FIBROUS MATER	lAL
327171-007	07/18/19	7	Wisconsin			
Layer 1:	Powdery	Material		None Detected	3% CELLULOSE FIBER	
White, F	Powdery				97% NON FIBROUS MATER	≀IAL

Location: Wisconsin

Number: 19-400-037.2741-43

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 PLM Analysis

wetnod:	EPA 600/R	K-93/116 & 40 CFR	App. E Sub. E Pt. 763	PLM Analy	/SIS	
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
327171-008	07/18/19	8	Wisconsin			
Layer 1: White, F	Hard Mat Hard	erial		None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Gray, G	Granular ranular	Material		None Detected	100%	NON FIBROUS MATERIAL
327171-009	07/18/19	9	Wisconsin			
Layer 1: Purple, l	Hard Mat Hard	erial		None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Gray, G	Grout ranular			None Detected	100%	NON FIBROUS MATERIAL
327171-010	07/18/19	10	Wisconsin			
Layer 1: Gray, O	Floor Tile rganically E			5% CHRYSOTILE	95%	NON FIBROUS MATERIAL
327171-011	07/18/19	11	Wisconsin			
Layer 1: Gray, O	Floor Tile rganically E			5% CHRYSOTILE	95%	NON FIBROUS MATERIAL
327171-012	07/18/19	12	Wisconsin			
Layer 1: Gray, O	Floor Tile rganically E			5% CHRYSOTILE	95%	NON FIBROUS MATERIAL
327171-013	07/18/19	13	Wisconsin			
Layer 1: Beige, F				None Detected	45%	CELLULOSE FIBER NON FIBROUS MATERIAL SYNTHETIC FIBER
327171-014	07/18/19	nogenous, subsa 14	Wisconsin	ent were analyzed separately.		
	*******	1-7	V V 13 C U 13 11 1	None Detected	250/	CELLIII OSE FIDED
Layer 1: Beige, F	ibrous	maganaus sub	mulas of each commission	None Detected	45%	CELLULOSE FIBER NON FIBROUS MATERIAL SYNTHETIC FIBER
327171-015	07/18/19	nogenous, subsa 15	Wisconsin	ent were analyzed separately.		
Layer 1: Beige, F	Flooring		VVIOCOTIONI	None Detected		CELLULOSE FIBER NON FIBROUS MATERIAL
0						SYNTHETIC FIBER

Sample was inhomogenous, subsamples of each component were analyzed separately.

Location: Wisconsin

Number: 19-400-037.2741-43

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

wethou.	LI A 000/I	(-95/110 & <del>4</del> 0	CER App. E Sub. E Ft.	703 FLIVI	Alialysis	
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other I	<b>Materials</b>
327171-016	07/18/19	16	Wisconsin			
Layer 1:	Glue			None Detected	100% NON FIB	ROUS MATERIAL
Brown, S	Soft					
Layer 2:	Flooring			None Detected	25% CELLULO	
Tan, Fib	rous					ROUS MATERIAL
					30% SYNTHE	TIC FIBER
			<u> </u>	mponent were analyzed separa	ely.	
327171-017	07/18/19	17	Wisconsin			
Layer 1:	Glue			None Detected	100% NON FIB	ROUS MATERIAL
Brown, S	SOTT					
Layer 2:	Flooring			None Detected	25% CELLULO	SE FIRED
Tan, Fib	_			Tono Dolotto		ROUS MATERIAL
ran, rib	1003				30% SYNTHE	
Sample	was inho	maganaus s	ubsamples of each co	mponent were analyzed separa		
34111pie 327171-018	07/18/19	18	Wisconsin	imponent were analyzed separa	leiy.	
Layer 1:	Glue			None Detected	100% NON FIB	ROUS MATERIAL
Brown, S						
•						
Layer 2:	Flooring			None Detected	25% CELLULO	OSE FIBER
Tan, Fib	rous				45% NON FIB	ROUS MATERIAL
					30% SYNTHE	TIC FIBER
Sample	was inho	mogenous, s	ubsamples of each co	mponent were analyzed separa	ely.	
327171-019	07/18/19	19	Wisconsin		•	
Layer 1:	Floor Tile	<b>)</b>		2% CHRYSOTILE	98% NON FIB	ROUS MATERIAL
Brown, (	Organically	Bound				
327171-020	07/18/19	20	Wisconsin			
Layer 1:	Flooring			None Detected	100% NON FIB	ROUS MATERIAL
White/G	reen, Rubl	pery				
327171-021	07/18/19	21	Wisconsin			
Layer 1:	Flooring			None Detected	100% NON FIB	ROUS MATERIAL
White/G	reen, Rubl	pery				
07474 000	07/40/40	00	\A/i			
327171-022	07/18/19	22	Wisconsin	None Detected	4000/ NON 515	DOLLO MATERIA:
Layer 1:	Flooring	207/		None Detected	100% NON FIB	ROUS MATERIAL
wnite/G	reen, Rubl	pery				

Location: Wisconsin

Number: 19-400-037.2741-43

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

weinou.	LI A 000/F	-93/110 Q 4	O CEN App. E Sub. E Ft.	700 PLIVI	Allalysis	
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
327171-023	07/18/19	23	Wisconsin			
Layer 1:	Flooring			None Detected	25%	CELLULOSE FIBER
Gray/Gr	een, Fibroι	ıs			45%	NON FIBROUS MATERIAL
					30%	SYNTHETIC FIBER
Sample	was inhoi	mogenous,	subsamples of each co	mponent were analyzed separa	tely.	
327171-024	07/18/19	24	Wisconsin			
Layer 1:	Flooring			None Detected	25%	CELLULOSE FIBER
Gray/Gr	een, Fibroι	ıs			45%	NON FIBROUS MATERIAL
					30%	SYNTHETIC FIBER
Sample	was inhoi	mogenous,	subsamples of each co	mponent were analyzed separa	tely.	
27171-025	07/18/19	25	Wisconsin			
Layer 1:	Flooring			None Detected	25%	CELLULOSE FIBER
Gray/Gr	een, Fibroι	IS			45%	NON FIBROUS MATERIAL
					30%	SYNTHETIC FIBER
Sample	was inhoi	mogenous,	subsamples of each co	mponent were analyzed separa	tely.	
27171-026	07/18/19	26	Wisconsin			
Layer 1:	Flooring			None Detected	100%	NON FIBROUS MATERIAL
White, C	Organically	Bound				
327171-027	07/18/19	27	Wisconsin			
Layer 1:	Flooring			None Detected	100%	NON FIBROUS MATERIAL
White, C	Organically	Bound				
27171-028	07/18/19	28	Wisconsin			
Layer 1:	Flooring			None Detected	100%	NON FIBROUS MATERIAL
White, C	Organically	Bound				
27171-029	07/18/19	29	Wisconsin			
Layer 1:	Flooring			None Detected	25%	CELLULOSE FIBER
Tan, Fib	rous				55%	NON FIBROUS MATERIAL
					20%	SYNTHETIC FIBER
Sample	was inhoi	nogenous,	subsamples of each co	emponent were analyzed separa	tely.	
27171-030	07/18/19	30	Wisconsin			
Layer 1:	Flooring			None Detected	100%	NON FIBROUS MATERIAL
Green, (	Organically	Bound				
327171-031	07/18/19	31	Wisconsin			
327171-031 Layer 1:	07/18/19 Flooring	31	Wisconsin	None Detected	100%	NON FIBROUS MATERIAL

Location: Wisconsin

Number: 19-400-037.2741-43

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
27171-032	07/18/19	32	Wisconsin			
Layer 1: Tan, Ru	Flooring bbery			None Detected	100%	NON FIBROUS MATERIAL
327171-033	07/18/19	33	Wisconsin			
Layer 1: Tan, Ru	Flooring bbery			None Detected	100%	NON FIBROUS MATERIAL
327171-034	07/18/19	34	Wisconsin			
Layer 1:	Roofing N	/laterial		None Detected	15%	CELLULOSE FIBER
Red/Bla	ck, Bitumin	ous			70%	NON FIBROUS MATERIAL
	,				15%	SYNTHETIC FIBER
	was inhor	nogenous, s	subsamples of each co	mponent were analyzed separa	itely.	
27171-035	07/18/19	35	Wisconsin			
Layer 1:	Roofing N			None Detected	15%	CELLULOSE FIBER
Red/Bla	ck, Bitumin	ous			70%	NON FIBROUS MATERIAL
					15%	SYNTHETIC FIBER
			<del>-</del>	mponent were analyzed separa	itely.	
27171-036	07/18/19	36	Wisconsin			
Layer 1:	Roofing N	/laterial		None Detected		CELLULOSE FIBER
Red/Bla	ck, Bitumin	ous			70%	NON FIBROUS MATERIAL
					15%	SYNTHETIC FIBER
	was inhor 07/18/19		subsamples of each co Wisconsin	mponent were analyzed separa	itely.	
27171-037			VVISCORSITI	None Detected	450/	OFILLII OOF FIRED
Layer 1:	Fibrous M			None Detected		CELLULOSE FIBER
Black, B	ituminous/l	-ibrous				NON FIBROUS MATERIAL
					45%	SYNTHETIC FIBER
27171-038	07/18/19	38	Wisconsin			
Layer 1:	Fibrous M			None Detected		CELLULOSE FIBER
Black, B	ituminous/I	Fibrous			10%	NON FIBROUS MATERIAL
					45%	SYNTHETIC FIBER
27171-039	07/18/19	39	Wisconsin			
Layer 1:	Fibrous M			None Detected		CELLULOSE FIBER
Black, B	ituminous/I	Fibrous			10%	NON FIBROUS MATERIAL
					45%	SYNTHETIC FIBER
327171-040	07/18/19	40	Wisconsin			
Layer 1:	Granular	Material		None Detected	100%	NON FIBROUS MATERIAL
Yellow,	Granular					
07474 044	07/40/40	4.4	Minagerate			
327171-041	07/18/19	41 Natarial	Wisconsin	20/ CHRYCOTH F	0001	NON FIRE OUT AND TEST
Layer 1:	Granular			2% CHRYSOTILE	98%	NON FIBROUS MATERIAL
vvnite/ l	an, Granula	ar				

Location: Wisconsin

Number: 19-400-037.2741-43

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 PLM Analysis

Sample Dic Collected         Cust. ID         Location         Asbestos Fibers         Other Materials           227171-042         07/18/19         42         Wisconsin           Layer 1: Granular Material White/Beige, Granular         None Detected         100% NON FIBROUS MATERIAL White/Beige, Granular           327171-043         07/18/19         43         Wisconsin           Layer 1: Granular Material White/Beige, Granular         None Detected         100% NON FIBROUS MATERIAL White/Beige, Granular           327171-044         07/18/19         44         Wisconsin           Layer 1: Fibrous Material Gray, Fibrous         55% CHRYSOTILE         35% CELLULOSE FIBER 10% NON FIBROUS MATERIAL 10% NON FIBROUS	wietnod:	EPA 600/R	(-93/116 & 40	CFR App. E Sub. E Pt.	/03 PLM	Analysis	
Layer 1: Granular Material	Sample ID	Collected	Cust. ID		Asbestos Fibers		Other Materials
White/Beige, Granular   Section	327171-042	07/18/19	42	Wisconsin			
	•				None Detected	100%	NON FIBROUS MATERIAL
Layer 1: Granular Material White/Beige, Granular   None Detected   100% NON FIBROUS MATERIAL	White/B	eige, Granı	ular				
Layer 1: Granular Material White/Beige, Granular   None Detected   100% NON FIBROUS MATERIAL							
White/Beige, Granular				Wisconsin			
S27171-044   07/18/19   44   Wisconsin	•				None Detected	100%	NON FIBROUS MATERIAL
Layer 1: Fibrous Material Gray, Fibrous   S5% CHRYSOTILE   35% CELLULOSE FIBER   10% NON FIBROUS MATERIAL   327171-045 07/18/19 45   Wisconsin   S5% CHRYSOTILE   35% CELLULOSE FIBER   10% NON FIBROUS MATERIAL   327171-046 07/18/19 46   Wisconsin   S5% CHRYSOTILE   35% CELLULOSE FIBER   10% NON FIBROUS MATERIAL   327171-046 07/18/19 46   Wisconsin   S5% CHRYSOTILE   35% CELLULOSE FIBER   10% NON FIBROUS MATERIAL   327171-047 07/18/19 47   Wisconsin   S77171-048 07/18/19 47   Wisconsin   S77171-048 07/18/19 49   Wisconsin   S77171-048 07/18/19 49   Wisconsin   S77171-048 07/18/19 49   Wisconsin   S77171-048 07/18/19 49   Wisconsin   S77171-049 07/18/19 50   Wisconsin   S77171-049 07/18/19 51   Wisconsin   S77171-049 07/18/19 52   Wisconsin   S77171-049 07/18/19 51   Wisconsin   S77171-049 07/18/19 52   Wisconsin   S77171-049 07/18/19 52   Wisconsin   S77171-049 07/18/19 52   Wisconsin	White/B	eige, Grani	ular				
Layer 1: Fibrous Material Gray, Fibrous   S5% CHRYSOTILE   35% CELLULOSE FIBER 10% NON FIBROUS MATERIAL   10% NON FIBROUS MATERIAL   327171-045 07/18/19 45   Wisconsin	327171-044	07/18/19	44	Wisconsin			
Gray, Fibrous			/aterial		55% CHRYSOTILE	35%	CELLULOSE FIBER
227171-045   07/18/19   45   Wisconsin	•						
Layer 1: Fibrous Material Gray, Fibrous   55% CHRYSOTILE   35% CELLULOSE FIBER   10% NON FIBROUS MATERIAL   327171-046   07/18/19   46   Wisconsin	<b>3</b> /						
Gray, Fibrous	327171-045	07/18/19	45	Wisconsin			
327171-046   07/18/19   46   Wisconsin	Layer 1:	Fibrous N	/laterial		55% CHRYSOTILE	35%	CELLULOSE FIBER
Layer 1: Fibrous Material Gray, Fibrous   S5% CHRYSOTILE   35% CELLULOSE FIBER 10% NON FIBROUS MATERIAL   10% NON FIBROUS MATER	Gray, Fi	brous				10%	NON FIBROUS MATERIAL
Layer 1: Fibrous Material Gray, Fibrous  S55% CHRYSOTILE Gray, Fibrous  35% CELLULOSE FIBER 10% NON FIBROUS MATERIAL  327171-047  327171-047  327171-048  327171-048  327171-048  327171-048  327171-048  327171-048  327171-048  327171-048  327171-048  327171-049  327171-049  327171-049  327171-049  327171-049  327171-049  327171-049  327171-049  327171-050  327171-051  327171-0							
Gray, Fibrous   10%   NON FIBROUS MATERIAL	327171-046	07/18/19	46	Wisconsin			
327171-047   07/18/19   47   Wisconsin	Layer 1:	Fibrous N	/laterial		55% CHRYSOTILE	35%	CELLULOSE FIBER
Layer 1: Floor Tile Red, Organically Bound  327171-048 07/18/19 49 Wisconsin  Layer 1: Flooring 20% CHRYSOTILE 25% CELLULOSE FIBER 55% NON FIBROUS MATERIAL  Sample was inhomogenous, subsamples of each component were analyzed separately.  327171-049 07/18/19 50 Wisconsin  Layer 1: Fibrous Material None Detected 90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL  327171-050 07/18/19 51 Wisconsin  Layer 1: Fibrous Material None Detected 90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL  327171-050 07/18/19 51 Wisconsin  Layer 1: Fibrous Material None Detected 90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL  327171-051 07/18/19 52 Wisconsin  Layer 1: Fibrous Material None Detected 90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL	Gray, Fi	brous				10%	NON FIBROUS MATERIAL
Layer 1: Floor Tile Red, Organically Bound  327171-048 07/18/19 49 Wisconsin  Layer 1: Flooring 20% CHRYSOTILE 25% CELLULOSE FIBER 55% NON FIBROUS MATERIAL  Sample was inhomogenous, subsamples of each component were analyzed separately.  327171-049 07/18/19 50 Wisconsin  Layer 1: Fibrous Material None Detected 90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL  327171-050 07/18/19 51 Wisconsin  Layer 1: Fibrous Material None Detected 90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL  327171-051 07/18/19 52 Wisconsin  Layer 1: Fibrous Material None Detected 90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL							
Red, Organically Bound  327171-048 07/18/19 49 Wisconsin  Layer 1: Flooring 20% CHRYSOTILE 25% CELLULOSE FIBER 55% NON FIBROUS MATERIAL  Sample was inhomogenous, subsamples of each component were analyzed separately.  327171-049 07/18/19 50 Wisconsin  Layer 1: Fibrous Material None Detected 90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL  327171-050 07/18/19 51 Wisconsin  Layer 1: Fibrous Material None Detected 90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL  White, Fibrous Material None Detected 90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL  327171-051 07/18/19 52 Wisconsin  Layer 1: Fibrous Material None Detected 90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL	327171-047	07/18/19	47	Wisconsin			
327171-048         07/18/19         49         Wisconsin           Layer 1: Flooring Multi-Colored, Fibrous         20% CHRYSOTILE         25% CELLULOSE FIBER 55% NON FIBROUS MATERIAL           Sample was inhomogenous, subsamples of each component were analyzed separately.           327171-049         07/18/19         50         Wisconsin           Layer 1: Fibrous Material         None Detected         90% CELLULOSE FIBER           White, Fibrous         None Detected         90% CELLULOSE FIBER           White, Fibrous         Wisconsin           Layer 1: Fibrous Material         None Detected         90% CELLULOSE FIBER           BER	•				<1% CHRYSOTILE	100%	NON FIBROUS MATERIAL
Layer 1: Flooring Multi-Colored, Fibrous  Sample was inhomogenous, subsamples of each component were analyzed separately.  327171-049  07/18/19  Layer 1: Fibrous Material White, Fibrous  None Detected  90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL  None Detected 90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL  None Detected 90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL  None Detected 90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL  None Detected 90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL	Red, Or	ganically B	ound				
Layer 1: Flooring Multi-Colored, Fibrous  Sample was inhomogenous, subsamples of each component were analyzed separately.  327171-049  07/18/19  Layer 1: Fibrous Material White, Fibrous  None Detected  90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL  None Detected 90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL  327171-050  07/18/19 51  Wisconsin  Layer 1: Fibrous Material White, Fibrous  None Detected 90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL  327171-051  70/18/19 52  Wisconsin  Layer 1: Fibrous Material None Detected 90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL	207474 040	07/10/10	40	Missonsin			
Multi-Colored, Fibrous  Sample was inhomogenous, subsamples of each component were analyzed separately.  327171-049 07/18/19 50 Wisconsin  Layer 1: Fibrous Material None Detected 90% CELLULOSE FIBER White, Fibrous 10% NON FIBROUS MATERIAL  327171-050 07/18/19 51 Wisconsin  Layer 1: Fibrous Material None Detected 90% CELLULOSE FIBER White, Fibrous 10% NON FIBROUS MATERIAL  327171-051 07/18/19 52 Wisconsin  Layer 1: Fibrous Material None Detected 90% CELLULOSE FIBER White, Fibrous 10% NON FIBROUS MATERIAL			49	WISCONSIII	20% CHRYSOTILE	250/	CELLUI OCE FIRED
Sample was inhomogenous, subsamples of each component were analyzed separately.  327171-049 07/18/19 50 Wisconsin  Layer 1: Fibrous Material None Detected 90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL  327171-050 07/18/19 51 Wisconsin  Layer 1: Fibrous Material None Detected 90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL  White, Fibrous Material None Detected 90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL  327171-051 07/18/19 52 Wisconsin  Layer 1: Fibrous Material None Detected 90% CELLULOSE FIBER	•	•	oue.		20% CHRISOTILE		
327171-049         07/18/19         50         Wisconsin           Layer 1: Fibrous Material White, Fibrous         None Detected         90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL           327171-050         07/18/19         51         Wisconsin           Layer 1: Fibrous Material White, Fibrous         None Detected         90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL           327171-051         07/18/19         52         Wisconsin           Layer 1: Fibrous Material         None Detected         90% CELLULOSE FIBER	Multi-OC	norea, i ibit	Jus			3370	NON I BROOM MATERIAL
327171-049 07/18/19 50 Wisconsin  Layer 1: Fibrous Material None Detected 90% CELLULOSE FIBER White, Fibrous 10% NON FIBROUS MATERIAL  327171-050 07/18/19 51 Wisconsin  Layer 1: Fibrous Material None Detected 90% CELLULOSE FIBER White, Fibrous 10% NON FIBROUS MATERIAL  327171-051 07/18/19 52 Wisconsin  Layer 1: Fibrous Material None Detected 90% CELLULOSE FIBER  Wisconsin None Detected 90% CELLULOSE FIBER	Sample	was inhor	nogenous s	ubsamples of each co	mponent were analyzed senara	ıtelv.	
White, Fibrous         10% NON FIBROUS MATERIAL           327171-050         07/18/19 51         Wisconsin           Layer 1: Fibrous Material White, Fibrous         None Detected         90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL           327171-051         07/18/19 52         Wisconsin           Layer 1: Fibrous Material         None Detected         90% CELLULOSE FIBER				<del>-</del>		<b>-</b>	
White, Fibrous         10% NON FIBROUS MATERIAL           327171-050 07/18/19 51 Wisconsin         Wisconsin           Layer 1: Fibrous Material White, Fibrous         None Detected 90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL           327171-051 07/18/19 52 Wisconsin         Wisconsin           Layer 1: Fibrous Material         None Detected 90% CELLULOSE FIBER	Layer 1:	Fibrous N	/laterial		None Detected	90%	CELLULOSE FIBER
Layer 1: Fibrous Material White, Fibrous  None Detected 90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL  327171-051 07/18/19 52 Wisconsin  Layer 1: Fibrous Material None Detected 90% CELLULOSE FIBER	-	ibrous				10%	NON FIBROUS MATERIAL
Layer 1: Fibrous Material White, Fibrous  None Detected 90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL  327171-051 07/18/19 52 Wisconsin  Layer 1: Fibrous Material None Detected 90% CELLULOSE FIBER							
White, Fibrous  10% NON FIBROUS MATERIAL  327171-051 07/18/19 52 Wisconsin  Layer 1: Fibrous Material None Detected 90% CELLULOSE FIBER	327171-050	07/18/19	51	Wisconsin			
327171-051         07/18/19         52         Wisconsin           Layer 1:         Fibrous Material         None Detected         90% CELLULOSE FIBER	Layer 1:	Fibrous N	/laterial		None Detected	90%	CELLULOSE FIBER
Layer 1: Fibrous Material None Detected 90% CELLULOSE FIBER	White, F	Fibrous				10%	NON FIBROUS MATERIAL
Layer 1: Fibrous Material None Detected 90% CELLULOSE FIBER							
·	327171-051	07/18/19	52	Wisconsin			
White, Fibrous 10% NON FIBROUS MATERIAL	Layer 1:	Fibrous N	/laterial		None Detected	90%	CELLULOSE FIBER
	White, F	ibrous				10%	NON FIBROUS MATERIAL

Location: Wisconsin

Number: 19-400-037.2741-43

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

wetnoa:	EPA 600/F	K-93/116 & 40 CFR	App. E Sub. E Pt. 763	PLM Ar	naiysis	
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
327171-052	07/18/19	53	Wisconsin			
Layer 1:	Drywall			None Detected	6%	CELLULOSE FIBER
White, F	Powdery				94%	NON FIBROUS MATERIAL
327171-053	07/18/19	54	Wisconsin			
Layer 1:	Drywall			None Detected	6%	CELLULOSE FIBER
White, F	Powdery				94%	NON FIBROUS MATERIAL
327171-054	07/18/19	55	Wisconsin			
Layer 1:	Drywall			None Detected	6%	CELLULOSE FIBER
White, F	Powdery				94%	NON FIBROUS MATERIAL
327171-055	07/18/19	56	Wisconsin			
Layer 1:	Plaster			None Detected	98%	NON FIBROUS MATERIAL
Gray, G	ranular				2%	SYNTHETIC FIBER
327171-056	07/18/19	57	Wisconsin			
Layer 1:	Plaster			None Detected	100%	NON FIBROUS MATERIAL
Gray, G	ranular				<1%	SYNTHETIC FIBER
327171-057	07/18/19	58	Wisconsin			
Layer 1:	Plaster			None Detected	99%	NON FIBROUS MATERIAL
Gray, G	ranular				1%	SYNTHETIC FIBER
327171-058	07/18/19	59	Wisconsin			
Layer 1:	Plaster			None Detected	100%	NON FIBROUS MATERIAL
Gray, G	ranular				<1%	SYNTHETIC FIBER
327171-059	07/18/19	60	Wisconsin			
Layer 1:	Plaster			None Detected	100%	NON FIBROUS MATERIAL
Gray, G	ranular					
327171-060	07/18/19	61	Wisconsin			
Layer 1:	Plaster			None Detected		NON FIBROUS MATERIAL
Gray, G	ranular				<1%	SYNTHETIC FIBER
327171-061	07/18/19	62	Wisconsin			
Layer 1:	Plaster			None Detected	100%	NON FIBROUS MATERIAL
Gray, G	ranular					

Location: Wisconsin

Number: 19-400-037.2741-43

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

Sample ID Collected Cust. ID Location Asbestos Fibers Other Materials

EPA Regulatory Limit: 1%

Analyst Elsamani Abdelfadiel

Total layers analyzed on order: 66

327171-07/25/19 01:37 PM

Reviewed By: Irma Faszewski

**QAQC** Director





							Federal E	xpress	2019 8:5 ):51 48911 ):342	
Submitting Co.	Harenda	Manageme	ent Group	State of Collection	WI		Cert. Required	☐ YES	□ NO	
1237 West Bruce St	reet			Acct#	5065		Phone	(4	14) 647-153	30
Milwaukee, WI 5320	)4			Email	dean.jacob	osen@kphe	nvironmenı	mtal.com	-	
Project Name				PO #						
Project Location	Wiscons	in		Special Insti	ructions:					
Project Number	19-400-0	37.2741-43	<b>3</b>					* *		
Collected By										
Turn Around Time **	M	atrix	Tests/A	malytes (	Select ALL th	at Apply). Bla	nk spaces ar	e for additio	nal analytes	
☐ 2 Hour *	☐ Air		Asbestos in Bulk	Metal	s Total	тс	LP	N	licrobiolog	<b>y</b>
□ Same day *	☐ Pain	t	■ PLM	☐ Lead		☐ Lead		☐ BACT (	MPN/PA)	
☐ 1 business day	☐ Soil		☐ PLM Qualitative	☐ RCRA	8 Metals	☐ RCRA 8	3 Metals	☐ Mold □	Direct Exam	ar e
☐ 2 business days	☐ Wipe	e	☐ 400 Point Count	☐ Chron	nium VI	☐ Full TC		☐ Allerge	ns	
☑ 3 business days	■ Bulk		☐ 1000 Point Count	☐ Mercu	ıry	(w/ organics 10	) Daγ)		ub-Contrac	t
☐ 5 business days		te Water	☐ Gravimetric Prep			22		☐ TEM C		
* not available for all tests  ** past 3 PM the TAT will begin		und Water	Asbestos in Air		metric	Miscell		☐ TEM A		
next business day	B	king Water	□ PCM		Dust 1 0500 Dust	∥ ⊔ Silica F	TIR (7602)	☐ TEM 7		
Please schedule rush tests in advance	☐ TSP	/ PM10	☐ PCM-B Rules	☐ Resp.	Dust 1 0600			☐ Silica X	(טטכר) טאג	
Herrone and a street of the st		· Ir		<u> </u>			•		a	
Sample#	Date Sampled	Time Sampled	Sample Identific (Employee, Bldg,Mate		Wipe Area	Tin Start	ne" Stop	Flow Start	Kate Stop	Total Air <sup>4</sup>
1 1	2/18/19	વ							. :	1 . **
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		and the second second	queous and Solid samples en					no in min . fl	in I /min l	
- Туре:	_	lank, P=Persona		End of Sample P	erioa Liters/			ne in min × flow		
Relinquished By:	Deun		المجالة	ten S				<del>र</del> (१५ /७०	<u> </u>	
Programme Control		I ALL	SHADED FIELDS I	viusi be	TILLEDAY	JAVUIDI	DELAYS			



Submitting Co.	Harenda	Manageme	ent Group	State of Collection	WI		Cert: Required	☐ YES	□ NO	
1237 West Bruce S	treet			Acct#	5065		Phone	(4	14) 647-15	30
Milwaukee, WI 5320	)4			Email	dean.jacol	osen@kph	environmen	mtal.com		
Project Name	* .			PO #						
Project Location	Wisconsi	n		Special Inst	ructions:					
Project Number	19-400-0	37.2741-43	3							
Collected By										
Turn Around	Ma	trix	Tests//A	nalytes (	Select ALL th	at Apply) Bl	ank spaces a	re for additio	onal analytes	
☐ 2 Hour *	☐ Air		Asbestos in Bulk	Metal	s Total	TC	LP	l l	/licrobiolog	39
☐ Same day *	☐ Paint		■ PLM	□ Lead		☐ Lead		□ BACT	(MPN/PA)	
☐ 1 business day	□ Soil		☐ PLM Qualitative	☐ RCRA	8 Metals	□ RCRA	8 Metals	☐ Mold	Direct Exam	
☐ 2 business days	☐ Wipe		☐ 400 Point Count	☐ Chrom	nium VI	☐ Full TO		☐ Allerg	ens	
☑ 3 business days	■ Bulk	•	☐ 1000 Point Count	☐ Mercu	ıry	(w/ organics 1	0 Day)	S	ub-Contra	ct
☐ 5 business days	□ Wast		☐ Gravimetric Prep				· .	□ ТЕМ С		
* not available for all tests  ** past 3 PM the TAT will begin		nd Water	Asbestos in Air	A CONTRACTOR OF THE SECOND	metric		laneous	∥ □ TEM A		
next business day	☐ TSP /	ing Water	☐ PCM☐ PCM-B Rules	☐ Total I NIOSH ☐ Resp.			FTIR (7602)	☐ TEM 7		
Please schedule rush tests in advance		LIVITO	PCIVI-B Rules	□ Resp. NIOSH	0600			□ Silica.	XRD (7500)	
Dinnest General Description of the Second Sec				<u> </u>		<u> </u>		<u> </u>		
	Date	Time	Sample Identific	ation	Wine	Tir	2	Elow	Pate <sup>3</sup>	
Sample #	<u>D</u> ate Sampled	Time Sampled	Sample Identific (Employee, Bldg,Mater		Wipe Area	Tir Start	ne <sup>2</sup> Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
Sample #		10 to				A SERVICE AND A		0015 M NE W		Total Air <sup>4</sup>
Sample #	Sampled	10 to				A SERVICE AND A		0015 M NE W		Total Air <sup>4</sup>
<u>U</u>	Sampled	10 to				A SERVICE AND A		0015 M NE W		Total Air <sup>4</sup>
12	Sampled	10 to				A SERVICE AND A		0015 M NE W		Total Air <sup>4</sup>
17 12 13	Sampled	10 to				A SERVICE AND A		0015 M NE W		Total Air <sup>4</sup>
11 12 13 14	Sampled	10 to				A SERVICE AND A		0015 M NE W		Total Air <sup>4</sup>
11 12 13 14 15	Sampled	10 to				A SERVICE AND A		0015 M NE W		Total Air <sup>4</sup>
11 12 13 14 15	Sampled	10 to				A STATE OF A STATE OF		0015 M NE W		Total Air <sup>4</sup>
11 12 13 14 15 16	Sampled	10 to				A STATE OF A STATE OF		0015 M NE W		Total Air <sup>4</sup>
11 12 13 14 15 16 17	Sampled	10 to				A STATE OF A STATE OF		0015 M NE W		Total Air <sup>4</sup>
11 12 13 14 15 16 17 18 19 20	Sampled	Sampled	(Employee, Bidg,Mater	ial, Type <sup>1</sup> )  Ire enough sam	Area	Start	Stop.	Start	Stop	Total Air <sup>4</sup>
11 12 13 14 15 16 17 18 19 20	Sampled	For Aqnk, P=Personal,	(Employee, Bidg,Mater	ial, Type <sup>1</sup> )	Area	uplicate and spi	Stop.	me in min × flow	Stop	Total Air <sup>4</sup>



Submitting Co.	Harenda	Manageme	ent Group	State of Collection	WI	-	Cert. Required	☐ YES	□ NO	
1237 West Bruce S	treet			Acct#	5065		Phone	(4	114) 647-15	30
Milwaukee, WI 5320	04	· .		Email	dean.jaco	bsen@kph	environmen	mtal.com		
Project Name				PO#						
Project Location	Wisconsi	n		Special Instr	uctions:		-			-
Project Number	19-400-0	37.2741-43	3							
Collected By										
Turn Around	Ma	trix	Tests/A	nalytes (s	ielect ALL th	at Apply) Bi	ank spaces a	re for addition	onal analytes	
□ 2 Hour *	□ Air		Asbestos in Bulk		s Total	II	CLP	PRINCIPLE SUMMER ASSESSMENT	/icrobiolog	kindarata (Sabalaktarian) i
☐ Same day *	☐ Paint		■ PLM	☐ Lead		☐ <b>Le</b> ad		□ ВАСТ	(MPN/PA)	
☐ 1 business day	☐ Soil		☐ PLM Qualitative	☐ RCRA 8	3 Metals	☐ RCRA	8 Metals	□ Mold	Direct Exam	
☐ 2 business days	☐ Wipe		☐ 400 Point Count	☐ Chrom	ium VI	☐ Full T	CLP	☐ Allerg	ens	
☑ 3 business days	■ Bulk		☐ 1000 Point Count	☐ Mercu	ry	(w/ organics 1	10 Day)	S	ub-Contra	ct
~ □ 5 business days	☐ Wast	e Water	☐ Gravimetric Prep	<u> </u>				□ ТЕМ С	Chatfield	
* not available for all tests  ** past 3 PM the TAT will begin	☐ Groui		Asbestos in Air	Gravir	Carly Straight, see 1 1 1 1 1 1		laneous		HERA	
next business day		ing Water	□ PCM	☐ Total D NIOSH		☐ Silica	FTIR (7602)	☐ TEM 7		erest community
Please schedule rush tests in advance	□ TSP / □	PM10	☐ PCM-B Rules	□ Resp. I NIOSH	0600	Π		□ Silica)	XRD (7500)	
Sample #	Date Sampled	Time Sampled	Sample Identific (Employee, Bldg,Materi	•	Wipe Area	Tii Start	me <sup>2</sup> Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
Sample#	and the second	100	•	•				The state of the s		Total Air <sup>4</sup>
	Sampled	100	•	•				The state of the s		Total Air <sup>4</sup>
21	Sampled	100	•	•				The state of the s		Total Air <sup>4</sup>
21 22	Sampled	100	•	•				The state of the s		Total Air <sup>4</sup>
21 22 23	Sampled	100	•	•				The state of the s		Total Air <sup>4</sup>
21 22 23 24	Sampled	100	•	•				The state of the s		Total Air <sup>4</sup>
21 22 23 24 25	Sampled	100	•	•				The state of the s		Total Air <sup>4</sup>
21 22 23 24 25 26	Sampled	100	•	•				The state of the s		Total Air <sup>4</sup>
21 22 23 24 25 26 21	Sampled	100	•	•				The state of the s		Total Air <sup>4</sup>
21 22 23 24 25 26 21 28	Sampled	100	•	•				The state of the s		Total Air <sup>4</sup>
21 22 23 24 25 26 27 28 29 30	Sampled	Sampled	(Employee, Bldg,Materi	al, Type <sup>1</sup> )	Area	Start	Stop	Start	Stop	Total Air <sup>4</sup>
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21 22 23 24 25 26 21 28 29 30	Sampled	For Aquik, P=Personal,	(Employee, Bldg, Materi	al, Type <sup>1</sup> )  re enough sampl	ole is sent for di	uplicate and spi	ike analysis me in Liters [tim	e in min × flow	Stop	Total Air <sup>4</sup>



Submitting Co.	Harenda Ma	anageme	nt Group	State of Collection	WI		Cert. Required	☐ YES	□ NO	
1237 West Bruce St	reet			Acct#	5065		Phone	(4	14) 647-153	30
Milwaukee, WI 5320	)4			Email	dean.jacok	sen@kphe	environmen	mtal.com		
Project Name				PO #						
Project Location	Wisconsin			Special Inst	ructions:		**************************************			
Project Number	19-400-037.	.2741-43								
Collected By										
Turn Around	Matr	ix	Tests/A	nalytes (	Select AUL th:	at Apply) Bl	ank spaces a	re for additio	inal analytes	
□ 2 Hour *	□ Air		Asbestos in Bulk	Metal	s Total	To	LP .	N	/licrobiolog	У
☐ Same day *	☐ Paint		■ PLM	☐ Lead		☐ Lead		□ BACT	(MPN/PA)	
☐ 1 business day	☐ Soil		☐ PLM Qualitative	☐ RCRA	8 Metals	☐ RCRA	8 Metals	☐ Mold I	Direct Exam	
☐ 2 business days	☐ Wipe		☐ 400 Point Count	☐ Chron	nium VI	☐ Full TO		☐ Allerge	ens	
☑ 3 business days	■ Bulk		☐ 1000 Point Count	☐ Mercu	ıry	(w/ organics 1	.0 Day)	S	ub-Contrac	:t
☐ 5 business days	□ Waste W	Vater	☐ Gravimetric Prep					□ ТЕМ С		
* not available for all tests  ** past 3 PM the TAT will begin	☐ Ground		Asbestos in Air	T-1-1	metric		laneous	☐ TEM A		
next business day	☐ Drinking		☐ PCM	☐ NIOSE	I 0500	L Silica	FTIR (7602)	☐ TEM 7	402 XRD (7500)	
Please schedule rush tests in advance	□ TSP/PN	ALTO	☐ PCM-B Rules	□ NIOSH	Dust I 0600			Li Silica i	ND (7300)	
	2.0	Time	Sample Identific	ation	Wipe	Ti	me <sup>2</sup>	Elaw	Rate <sup>3</sup>	4
Sample#	Date Sampled S	Sampled	(Employee, Bidg,Mater		Area	Start	Stop	Start	Stop	Total Air <sup>4</sup>
Sample#	Sampled S		•			200		Total residence of	100 700 100 100 100 100	Total Air
	1 The State of the		•			200		Total market services	100 700 100 100 100 100	Total Air
31	Sampled S		•			200		Total market services	100 700 100 100 100 100	Total Air
31 32 33 34	Sampled S		•			200		Total market services	100 700 100 100 100 100	Total Air
31 32 33	Sampled S		•			200		Total market services	100 700 100 100 100 100	Total Air
31 32 33 34	Sampled S		•			200		Total market services	100 700 100 100 100 100	Total Air
31 32 33 34 35 36 37	Sampled S		•			200		Total market services	100 700 100 100 100 100	Total Air
31 32 33 34 35 36	Sampled S		•			200		Total market services	100 700 100 100 100 100	Total Air
31 32 33 34 35 36 37 38 39	Sampled S		•			200		Total market services	100 700 100 100 100 100	Total Air
31 32 33 34 35 36 37 38	Sampled S		•			200		Total market services	100 700 100 100 100 100	Total Air
31 32 33 34 35 36 37 38 39 40	Sampled S	Sampled For Aq	(Employee, Bldg,Mater	ial, Type <sup>1</sup> )	Area	Start	Stop	Start	Stop	Total Air
31 32 33 34 35 36 37 38 39 40	Sampled S	For Aq P=Personal,	ueous and Solid samples ensu	ial, Type <sup>1</sup> )	Area	Start  uplicate and sp Minute <sup>4</sup> Volu	Stop	Start	Stop	Total Air



	·		State of			Cert.			
Submitting Co.	Harenda Manageme	ent Group	Collection .	WI		Required	☐ YES	□ NO	
1237 West Bruce St	treet		Acct #	5065		Phone	(4	14) 647-153	30
Milwaukee, WI 5320	)4	· .	Email	dean.jacol	osen@kphe	nvironmeni	mtal.com	,	
Project Name	<u> </u>		PO #						
Project Location	Wisconsin		Special Instr	ructions:		_			
Project Number	19-400-037.2741-43	3							
Collected By									
Turn Arround	Matrix	Tests/A	nalytes (s	Salact All th	at Annivi Bis	n V anavasa	o for addicin	onal analytes	
Time **  □ 2 Hour *	□ Air	Asbestos in Bulk	DEPARTMENT OF THE PROPERTY OF	s Total	NAMES OF TAXABLE PROPERTY OF TAXABLE PARTY OF TAXABLE PAR	LP	Constitution of the second	/licrobiolog	v
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☐ 1 business day	☐ Soil	☐ PLM Qualitative	□ RCRA	8 Metals	□ RCRA	8 Metals		Direct Exam	
☐ 2 business days	☐ Wipe	☐ 400 Point Count	☐ Chrom		☐ Full TC	LP	☐ Allerge	ens	
☑ 3 business days	■ Bulk	☐ 1000 Point Count	☐ Mercu	ıry	(w/ organics 1	0 Day)		ub-Contrac	t
☐ 5 business days	□ Waste Water	☐ Gravimetric Prep					□ ТЕМ С	hatfield	
* not available for all tests	Ground Water	Asbestos in Air	Gravi	metric	Miscell	aneous	☐ TEM A	HERA	,
** past 3 PM the TAT will begin next business day	☐ Drinking Water	□ PCM	☐ Total [ NIOSH	Dust I 0500	☐ Silica F	TIR (7602)	~: □ TEM 7	402	
Please schedule rush tests	☐ TSP / PM10	☐ PCM-B Rules	□ Resp. NIOSH		<u> </u>		☐ Silica :	XRD (7500)	
in advance									
Sample #	Date Time Sampled Sampled	Sample Identific	_	Wipe Area	Tir Start	ne <sup>2</sup> Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
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	Consideration of the Constitution of the Const				The state of the s				
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53 54 55 56 57 58	The state of the s								
53 54 55 56 57 58 59 60	7 (18)19 For A	queous and Solid samples ens	ure enough sam	ple is sent for d	uplicate and sp				
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53 54 55 56 57 58 59 60	7 (18)19  For Ai  A=Area, B=Blank, P=Persona  Ran Occiden	queous and Solid samples ens	and of Sample Po	eriod <sup>3</sup> Liters/	Minute <sup>4</sup> Volu	ike analysis me in Liters [tin	ne in min × flov		



Submitting Co.	Harenda	Manageme	ent Group	State of Collection	WI		Cert. Required	☐ YES	□ NO	
1237 West Bruce S	treet			Acct#	5065		Phone	(4 <sup>-</sup>	14) 647-153	30
Milwaukee, WI 5320	)4	•		Email	dean.jacob	osen@kphe	nvironmen	mtal.com		
Project Name				PO#						
Project Location	Wisconsi	n		Special Insti	ructions:					
Project Number	19-400-0	37.2741-43	3	]		*				
Collected By										
Turn Around	Ma	itrix	Tests/8	(malytes	Select ALL th	at Apply) Bla	ink spaces ai	re for additio	nal analytes	
☐ 2 Hour *	☐ Air		Asbestos in Bulk	Metal	s Total	TC	LP	N	<b>1icrobiolog</b>	У
☐ Same day *	☐ Paint	:	■ PLM	☐ Lead		☐ Lead		☐ BACT (	MPN/PA)	
☐ 1 business day	☐ Soil		☐ PLM Qualitative	☐ RCRA	8 Metals	☐ RCRA 8	8 Metals		Direct Exam	
☐ 2 business days	☐ Wipe	<b>:</b>	☐ 400 Point Count	☐ Chron	nium VI	☐ Full TC		☐ Allerge		
☑ 3 business days	■ Bulk		☐ 1000 Point Count	☐ Mercu	ıry	(w/ organics 10	D Day)		ub-Contrac	t
☐ 5 business days	☐ Wast	te Water	☐ Gravimetric Prep					□ ТЕМ С		
* not available for all tests	1	nd Water	Asbestos in Air	Parties of Day of Salar	metric		aneous	☐ TEM A		
** past 3 PM the TAT will begin next business day		king Water	□ PCM		Dust 1 0500	☐ Silica F	TIR (7602)	□ TEM 7		
Please schedule rush tests in advance	□ TSP /	/ PM10	☐ PCM-B Rules	□ Resp. NIOSI	Dust 1 0600			□ Silica )	KRD (7500)	
Sample#	Date Sampled	Time Sampled	Sample Identifi (Employee, Bldg,Mate		Wipe Area	Tin Start	ne² Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
Sample#	Sampled	Sampled							deliberation of the control of the c	Total Air <sup>4</sup>
		Sampled							deliberation of the control of the c	Total Air <sup>4</sup>
41	Sampled	Sampled							deliberation of the control of the c	Total Air <sup>4</sup>
41	Sampled	Sampled							deliberation of the control of the c	Total Air <sup>4</sup>
41 42 43	Sampled	Sampled							deliberation of the control of the c	Total Air <sup>4</sup>
41 42 43 44	Sampled	Sampled							deliberation of the control of the c	Total Air <sup>4</sup>
41 42 43 44 45	Sampled	Sampled							deliberation of the control of the c	Total Air <sup>4</sup>
41 42 43 44 45 46	Sampled	Sampled							deliberation of the control of the c	Total Air <sup>4</sup>
41 42 43 44 45 46 47	Sampled	Sampled							deliberation of the control of the c	Total Air <sup>4</sup>
41 42 43 44 45 46 47 49	Sampled	Sampled							deliberation of the control of the c	Total Air <sup>4</sup>
41 42 43 44 45 45 47 49 50	Sampled	Sampled For A	(Employee, Bldg,Mate	rial, Type <sup>1</sup> )	Area	Start  duplicate and sp	Stop.	Start	Stop	Total Air <sup>4</sup>
41 42 43 44 45 45 47 49 50	Sampled	For A ank, P=Persona	(Employee, Bldg,Mate	rial, Type <sup>1</sup> )	Area	duplicate and sp	Stop.		Stop	Total Air <sup>4</sup>



Submitting Co.	Harenda Manageme	ent Group	State of Collection	WI	· · · · · · · · · · · · · · · · · · ·	Cert.	☐ YES	□ NO	
1237 West Bruce St	treet		Acct#	5065		Required Phone	(4	14) 647-15	30
Milwaukee, WI 5320	)4		Email	dean.jaco	bsen@kph	environmen	<u> </u>		
Project Name			PO#						
Project Location	Wisconsin		Special Insti	ructions:					
Project Number	19-400-037.2741-43	3							
Collected By			·	v.					
Turn Around Time **	Matrix	Tests/A	nalytes (:	Select ALL th	at Apply) Bl	ank spaces ar	re for additio	onal analytes	
☐ 2 Hour *	☐ Air	Asbestos in Bulk		s Total		CLP		/licrobiolog	CONTRACTOR CONTRACTOR AND ADDRESS OF THE
☐ Same day *	☐ Paint	■ PLM	☐ Lead		☐ Lead		□ ВАСТ	(MPN/PA)	
☐ 1 business day	☐ Soil	☐ PLM Qualitative	☐ RCRA	8 Metals	☐ RCRA	8 Metals	☐ Mold	Direct Exam	
☐ 2 business days	☐ Wipe	☐ 400 Point Count	☐ Chrom	ium VI	☐ Full TO	CLP	☐ Allerg	ens	
☑ 3 business days	■ Bulk	☐ 1000 Point Count	☐ Mercu	ry	(w/ organics 1	0 Day)	S	ub-Contra	et
□ 5 business days	☐ Waste Water	☐ Gravimetric Prep					□ ТЕМ С	hatfield	
* not available for all tests  ** past 3 PM the TAT will begin	□ -Ground Water	Asbestos in Air		metric	Miscell	laneous	□ ТЕМ А	HERA	
next business day	☐ Drinking Water 	□ РСМ	☐ Total D NIOSH		☐ Silica I	TIR (7602)	□ TEM-7	402	C
Please schedule rush tests in advance	☐ TSP / PM10 ☐	☐ PCM-B Rules	□ Resp. I NIOSH	0600			☐ Silica)	(RD (7500)	
								100 No. 100 No	
Sample#	Date Time Sampled Sampled	Sample Identifica (Employee, Bldg,Materi		Wipe Area	Tir	ne <sup>2</sup> Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
Sample #	Date Time	I						A Committee of the Comm	Total Air <sup>4</sup>
	Date Time Sampled Sampled	I						A Committee of the Comm	Total Air <sup>4</sup>
	Date Time Sampled Sampled	I						A Committee of the Comm	Total Air <sup>4</sup>
	Date Time Sampled Sampled	I						A Company of the Company	Total Air <sup>4</sup>
	Date Time Sampled Sampled	I						A Company of the Company	Total Air <sup>4</sup>
	Date Time Sampled Sampled	I						A Company of the Company	Total Air <sup>4</sup>
	Date Time Sampled Sampled	I						A Company of the Company	Total Air <sup>4</sup>
	Date Time Sampled Sampled	I						A Company of the Company	Total Air <sup>4</sup>
	Date Time Sampled Sampled	I						A Company of the Company	Total Air <sup>4</sup>
	Date Time Sampled Sampled	I						A Company of the Company	Total Air <sup>4</sup>
	Date Time Sampled	(Employee, Bldg, Materi	al, Type <sup>1</sup> )	Area	Start	Stop		A Company of the Company	Total Air <sup>4</sup>
62	Date Time Sampled	(Employee, Bldg,Materi	al, Type <sup>1</sup> )	Area	Start	Stop	Start	Stop	Total Air <sup>4</sup>
62	Pate Time Sampled Sampled Sampled Sampled Sampled For Aqu	(Employee, Bldg,Materi	al, Type <sup>1</sup> )  'e enough samp	Area	uplicate and spil	Stop	Start e in min × flow	Stop	Total Air <sup>4</sup>

#### **Analysis Report**



# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

328141

07/25/19

07/25/19

07/26/19

Order #:

Customer: Harenda Management Group (5065)

Address: 1237 West Bruce Street

Milwaukee, WI 53204

Attn: Received
Analyzed
Reported

Project:

Location: Wisconsin

Number: 19-400-037.2741-43

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 with Point Count PLM Analysis

Sample ID Collected Cust. ID Location Asbestos Fibers Other Materials

328141-001 07/18/19 19 Wisconsin

Layer 1: Floor Tile 0.75% CHRYSOTILE 99.25% NON FIBROUS MATERIAL

Brown, Organically Bound, Homogenous

**328141-002** 07/18/19 41 Wisconsin

Layer 1: Granular Material 0.50% CHRYSOTILE 99.50% NON FIBROUS MATERIAL

White/Tan, Granular, Homogenous

**328141-003** 07/18/19 47 Wisconsin

Layer 1: Floor Tile 0.25% CHRYSOTILE 99.75% NON FIBROUS MATERIAL

Red, Organically Bound, Homogenous

EPA Regulatory Limit: 1%
Total layers analyzed on order: 3

Analyst Elsamani Abdelfadiel

328141-07/26/19 02:35 PM

Reviewed By: Hind Eldanaf

Microscopy Supervisor



2512 West Cary Street, Richmond, Virginia 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475 www.slabinc.com • info@slabinc.com



V:\328\328\141 vthrasher 7/25/2019 2:31:00 PM

Hand Delivered

Submitting Co.	Harenda Manageme	ent Group	State of Collection	WΙ	Cert. Required	☐ YES	□ NO		
1237 West Bruce Street			Acct#	5065	Phone	(4	(414) 647-1530		
Milwaukee, WI 53204			Email	mail dean.jacobsen@kphenvironmenmtal.com					
Project Name									
Project Location	Wisconsin 19-400-037.2741-43		Special Instructions:						
Project Number			Order #: 327171						
Collected By									
Turn Around Time **	Matrix	Tests/A	nalytes (	Select ALL th	at Apply) Blank space	s are for additi	onal analytes		
☐ 2 Hour •	□ Air	Asbestos in Bulk	Metals Total		TCLP		Microbiology		
☐ Same day *	☐ Paint	□ PLM	■ Lead		□ Lead	☐ BACT	☐ BACT (MPN/PA)		
2 1 business day	□ Soil	☐ PLM Qualitative	☐ RCRA 8 Metals		☐ RCRA 8 Metals	☐ Mold	☐ Mold Direct Exam		
☐ 2 business days	□ Wipe	■ 400 Point Count	☐ Chromium VI		☐ Full TCLP	☐ Allers	☐ Allergens		
☐ 3 business days	■ Bulk	☐ 1000 Point Count	☐ Mercury (w/organi		(w/ organics 10 Day)		Sub-Contract		
☐ 5 business days	☐ Waste Water	☐ Gravimetric Prep				☐ TEM	☐ TEM Chatfield		
* not available for all tests	☐ Ground Water	Asbestos in Air	Gravimetric Mis		Miscellaneous	☐ TEM	☐ TEM AHERA		
** past 3 PM the TAT will begin next business day	☐ Drinking Water	□ 6CW	☐ Total NIOSI	Dust 1 0500	☐ Silica FTIR (760:	E) [] TEM	☐ TEM 7402		
Please schedule rush tests	☐ TSP / PM10	☐ PCM-B Rules	☐ Resp. NIOSI	Dust 1 0600		☐ Silica	☐ Silica XRD (7500)		
in advance									
	Date Time	Sample Identifi	cation	Wipe	Time <sup>2</sup>		v Rate <sup>3</sup>	Tötal Air <sup>4</sup>	
Sample #	Sampled Sampled	(Employee, Bidg, Mate	rial, Type <sup>1</sup> )	Area	Start Stop	Start	Stop		
19	Sampled Sampled 7/18/19	(Employee, Bldg,Mate	rial, Type <sup>1</sup> )	Area	Start Stop	Start	Stop		
estriction is the single less		(Employee, Bidg,Mate	rial, Type <sup>1</sup> )	Area	Start Stop	Stant	Stop		
19		(Employee, Bidg,Mate	rial, Type <sup>1</sup> )	Area	Start Stop	Start	Stop		
19 41	7/18/19	(Employee, Bidg, Mate	rial, Type <sup>1</sup> )	Area	Start Stop	Start	Stop		
19 41	7/18/19	(Employee, Bidg,Mate	rial, Type <sup>3</sup> )	Area	Start Stop	Start	Stop		
19 41	7/18/19	(Employee, Bidg, Mate	rial, Type <sup>1</sup> )	Area	Start Stop	Start	Stop		
19 41	7/18/19	(Employee, Bidg, Mate	rial, Type <sup>1</sup> )	Area	Start Stop	Start	Stop		
19 41	7/18/19	(Employee, Bidg, Mate	rial, Type <sup>1</sup> )	Mea	Start Stop	Start	Stop		
19 41	7/18/19	(Employee, Bidg, Mate	rial, Type <sup>1</sup> )	Mea	Start Stop	Start	Stop		
19 41	7/18/19	(Employee, Bidg, Mate	rial, Type <sup>1</sup> )	Mea	Start Stop	Stan	Stop		
19 41	7/18/19	queous and Solid samples en	sure enough sa	mple is sent for	duplicate and spike analysi				
19 41 47	7/18/19	queous and Solid samples en		mple is sent for	duplicate and spike analysi /Minute *Volume in Lite	s s s s time in min × fl	ow in L/min]		
19 41 47	For A: A=Area, B=Blank, P=Person	queous and Solid samples en	sure enough sa End of Sample	mple is sent for Period <sup>3</sup> Liters	duplicate and spike analysi /Minute *Volume in Lite Date/Time	s stime in min×fla	ow in L/min]		

X. LEAD LABORATORY RESULTS

#### **Analysis Report**



# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Order #:

Matrix

Received

**Analyzed** 

Reported

327168

Paint

07/22/19

07/23/19

07/23/19

**Customer:** Harenda Management Group (5065)

Address: 1237 West Bruce Street

Milwaukee, WI 53204

Attn:
Project:

Location: Wisconsin
Number: 19-400-037.2741-43
PO Number:

Sample ID Cust. Sample ID Sample Date Weight Location **Parameter** Method % / Wt. Conc. RL\* Total µg P1 327168-001 07/18/19 298 mg EPA 7000B Lead 54.5 µg 0.0183 % 183 mg/kg 33.6 mg/kg

Sample contains substrate which may affect the calculation of weight percent and mg/kg.

327168-002 P2 07/18/19 320 mg

Lead **EPA 7000B** 36.0 µg 0.0112 % 112 mg/kg 31.3 mg/kg 327168-003 Р3 07/18/19 307 mg Lead **EPA 7000B** 37.8 µg 0.0123 % 123 mg/kg 32.6 mg/kg

Analyst: SA

327168-07/23/19 05:30 PM

**Federal Lead Paint Statute** 

LocationClearanceUnitLead in paint by weight< 0.50</td>%Lead in paint as PPM< 5000</td>mg/kg

Reviewed By: **Jennifer Lee**Manager

Minimum reporting limit: 10.0  $\mu$ g. All internal QC parameters were met. Unusual sample conditions, if any, are described. Do not reproduce this report except in full. Values are reported to three significant figures. PPM = mg/kg | PPB =  $\mu$ g/kg. The test results reported relate only to the samples submitted. AIHA-LAP, LLC accredited for Lead (Lab ID 100527).



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V:\327\327168

fghraizi Federal Express 7/22/2019 8:5 0:51 AM 48911 )342276

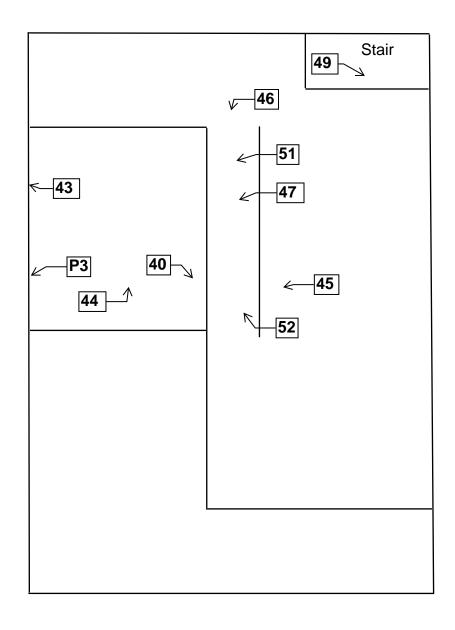
Submitting Co.	Harenda Manageme		State of Collection	WI		Cert. Required	☐ YES	□ NO			
1237 West Bruce Street			Acct#	5065		Phone (414) 647-15			30		
Milwaukee, WI 53204			Email dean.jacobsen@kphenvironmenmtal.com								
Project Name			PO#								
Project Location	oject Location Wisconsin			Special Instructions:							
Project Number	19-400-037.2741-43										
Collected By											
Time 34	Matrix	Tests//A	nalytes (	Select ALL th	at Apply): Bla	ank spaces a	e for additio	nal analytes			
☐ 2 Hour *	☐ Air	Asbestos in Bulk	Meta	ls Total	TC	LP	N	1icrobiolog	sy		
☐ Same day *	■ Paint □ PLM		■ Lead		☐ Lead		☐ BACT (MPN/PA)				
☐ 1 business day	□ Soil	☐ PLM Qualitative			☐ RCRA 8 Metals ☐ Full TCLP (w/ organics 10 Day)		☐ Mold Direct Exam ☐ Allergens  Sub-Contract				
☐ 2 business days	□ Wipe	☐ 400 Point Count									
☑ 3 business days	□ Bulk	☐ 1000 Point Count									
☐ 5 business days	☐ Waste Water	☐ Gravimetric Prep					☐ TEM Chatfield				
* not available for all tests	☐ Ground Water Asbestos in Air		Gravimetric		Miscellaneous		☐ TEM AHERA				
** past 3 PM the TAT will begin next business day	□ Drinking water	□ PCM □	_ Doon	1 0500	☐ Silica FTIR (7602)		☐ TEM 7402				
Please schedule rush tests in advance	☐ TSP / PM10	☐ PCM-B Rules	☐ Resp. Dust NIOSH 0600				☐ Silica XRD (7500)				
11											
		Carrada Idanetti		Wips	50		Flow	Pare <sup>3</sup>			
Sample #	Date Time Sampled Sampled	Sample Identific (Employee, Bldg,Mater		Wipe Area	Tir Start	ne <sup>2</sup> Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>		
Sample #					200	770		AND RESIDENCE	Total Air <sup>4</sup>		
PI					200	770		AND RESIDENCE	Total Air <sup>4</sup>		
PI					200	770		AND RESIDENCE	Total Air <sup>4</sup>		
PI					200	770		AND RESIDENCE	Total Air <sup>4</sup>		
PI					200	770		AND RESERVED.	Total Air <sup>4</sup>		
PI					200	770		AND RESERVED.	Total Air <sup>4</sup>		
PI					200	770		AND RESERVED.	Total Air <sup>4</sup>		
PI					200	770		AND RESERVED.	Total Air <sup>4</sup>		
PI					200	770		AND RESERVED.	Total Air <sup>4</sup>		
PI					200	770		AND RESERVED.	Total Air <sup>4</sup>		
P1 P2 P3	Sampled: Sampled	(Employee, Bldg,Mater	ure enough sar	Area	Start	Stop	Start	Stop	Total Air <sup>4</sup>		
P1 P2 P3	For Aq A=Area, B=Blank, P=Personal	(Employee, Bldg,Mater	rial, Type <sup>1</sup> )	Area	Start  Start  Suplicate and sp	ike analysis	Start	Stop	Total Air <sup>4</sup>		
PI P2 P3	For Aq A=Area, B=Blank, P=Personal	(Employee, Bldg,Mater	ure enough sar	Area  mple is sent for operiod Stiters/	Start  Suplicate and sp  Minute 4Volu  Date,	ike analysis ume in Liters [tir /Time7   \cdots	Start	Stop	Total Air <sup>4</sup>		

### **XI. FLOOR PLANS**

# Two Family Dwelling 2741-43 North 10th Street Milwaukee, Wisconsin

## Basement Floor Plan

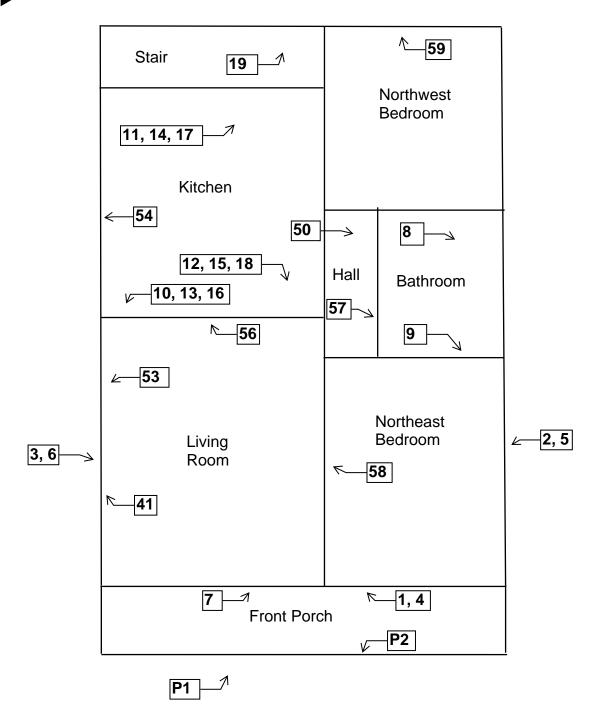




# Two Family Dwelling 2741-43 North 10th Street Milwaukee, Wisconsin

1st Floor Plan

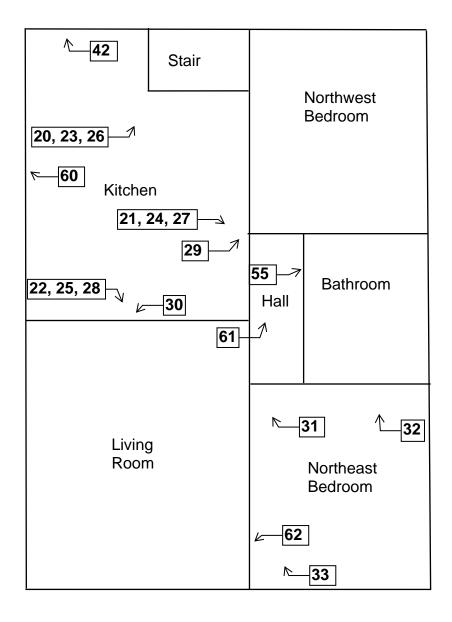
N



## Two Family Dwelling 2741-43 North 10th Street Milwaukee, Wisconsin

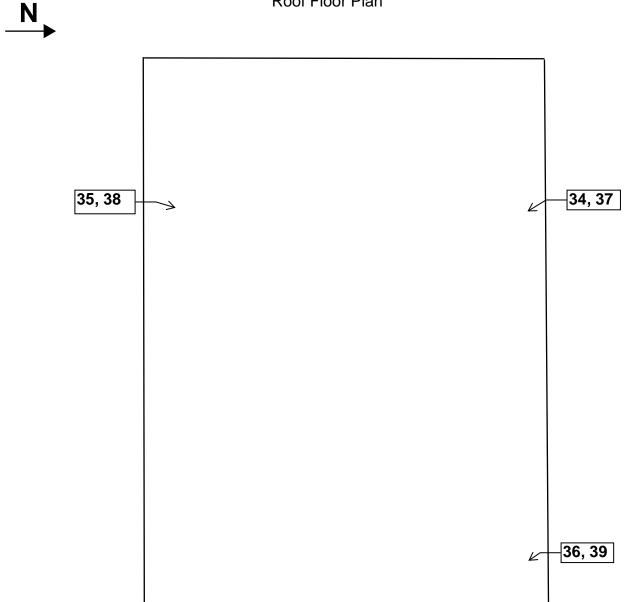
N

#### 2nd Floor Plan



## Two Family Dwelling 2741-43 North 10th Street Milwaukee, Wisconsin

Roof Floor Plan



#### XII. HMG CERTIFICATION



This certifies that

## HARENDA MANAGEMENT GROUP

1237 W BRUCE ST MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

Asbestos Company - Primary

Certificate Issue Date: 06/23/2017

xpiration Date: 08/31/2019, 12:01 a.m.

Certification #: CAP-480540

Visconsin Department of Health Services

ivision of Public Health

ureau of Environmental and Occupational Health

sbestos & Lead Section

O Box 2659

Iadison WI 53701-2659

hone: (608) 261-6876





Shelley A Bruce, Unit Supervisor Scott Walker Governor

Linda Seemeyer Secretary August 27, 2018 State of Wisconsin
Department of Health Services

1 WEST WILSON STREET

P O BOX 2659 MADISON WI 53701-2659

Telephone: 608 266-1251 FAX: 608 267-2832 TTY: 888-701-1253 dhs.wisconsin.gov

CECIL JAMES TRAWICK JR 1237 W BRUCE ST MILWAUKEE WI 53204-1218

ID# AII-104769

Congratulations! Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

#### Follow Wisconsin law by making sure that you:

- 1. Have your blue card with you when doing regulated work.
- 2. Work safely using the methods you learned in training.
- 3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing <a href="mailto:DHSAsbestosLead@wi.gov">DHSAsbestosLead@wi.gov</a>, by using our Lead and Asbestos Online Certification website, <a href="mailto:www.dhs.wisconsin.gov/waldo">www.dhs.wisconsin.gov/waldo</a>, or by mailing a note to:

Lead and Asbestos Section 1 W. Wilson St., Room 137 P.O. Box 2659 Madison WI 53701-2659

- 4. Take refresher training well before the "Training due by" date printed on your blue card.
  - Asbestos-certified individuals must refresh in Wisconsin no earlier than 90 days before the due date to keep the same expiration date.
     Find asbestos training providers at <a href="https://www.dhs.wisconsin.gov/asbestos">www.dhs.wisconsin.gov/asbestos</a>.
  - Lead-certified individuals can refresh up to 1 year before the due date.
     Find lead training providers at www.dhs.wisconsin.gov/lead.
- 5. Apply to renew your card at least 1 month before the "Exp." date on your blue card.
- 6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at <a href="https://www.dhs.wisconsin.gov/lead">www.dhs.wisconsin.gov/lead</a> or <a href="https://www.dhs.wisconsin.gov/asbestos">www.dhs.wisconsin.gov/asbestos</a>.
- 7. Don't conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, professional responsibility. Contact us it below and on the back of your blue care

The Lead and Asbestos Certification Pr (608) 261-6876

<u>DHSAsbestosLead@wi.gov</u>

<u>www.dhs.wisconsin.gov/asbestos</u>

www.dhs.wisconsin.gov/lead

COPY





## **DECONSTRUCTION INSPECTION REPORT Job Site:**

One Family Dwelling 2430 North 11<sup>th</sup> Street Milwaukee, Wisconsin

For:

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1<sup>st</sup> Floor
Milwaukee, Wisconsin 53202-3613

HMG Report No.: 19-400-037.2430 Inspector: Jazmin Spears Contract No.: 360-19-0975

Prepared by:

#### HARENDA MANAGEMENT GROUP

1237 West Bruce Street Milwaukee, Wisconsin 53204 (414) 383-4800

**July 2019** 

### Signature Page

Deconstruction Inspection Report One Family Dwelling 2430 North 11<sup>th</sup> Street Milwaukee, Wisconsin

Dean Jacobsen

Asbestos Inspector No. AII - 14370

Expiration Date: 12/2/19 Harenda Management Group Jazmin Spears

Asbestos Inspector No. AII – 111055

Expiration Date: 8/10/19 Harenda Management Group July 31, 2019

City of Milwaukee Department of Neighborhood Services Attn: Marge Piwaron 841 North Broadway 1<sup>st</sup> Floor Milwaukee, Wisconsin 53202-3613

RE: Deconstruction Inspection Report

2430 North 11<sup>th</sup> Street Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2430 North 11<sup>th</sup> Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP

Dean Jacobsen

Asbestos Inspector No. AII - 14370

#### **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 2430 North 11th Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in transite siding and duct wrap sampled during the inspection. Asbestos was detected at less than 1% is window glazing compound. Asbestos was assumed to be in the roof flashing at the chimney. Results are in Section IV of this report.

Lead was detected in paint on the exterior and interior basement walls. Results are in Section V of this report.

# TABLE OF CONTENTS Deconstruction Inspection Report

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#### I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the one family dwelling at 2430 North 11<sup>th</sup> Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has transite and wood walls with asphalt roofing.

#### II. ASBESTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

On July 19, 2019, HMG conducted an asbestos inspection and lead inspection of a one family dwelling, scheduled for deconstruction, located at 2430 North 11<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Jazmin Spears, Wisconsin License No. AII – 111055, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

- 1. A visual determination as to the extent of suspect asbestos containing materials within the building.
- 2. Sampling and documentation of observable suspect asbestos containing materials.
- 3. Quantification of observable asbestos containing materials existing within the spaces.
- 4. Sampling of suspect lead painted masonry surfaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Transite siding
- Paper insulation
- Blown in insulation
- Plaster
- Drywall
- Floor tile
- Linoleum
- Asphalt roofing
- Flue packing
- Duct wrap
- Window glazing compound
- Roof flashing

#### Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

#### III. ASBESTOS LABORATORY

#### A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crodcidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

#### IV. ASBESTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – west wall – transite siding	Positive 20% Chrysotile	MTP
2	Exterior – north wall – transite siding	Positive 20% Chrysotile	MTP
3	Exterior – east wall – transite siding	Positive 20% Chrysotile	MTP
4	Exterior – west wall under wood siding – silver paper insulation	Negative	MPIs
5	Exterior – north wall under wood siding – silver paper insulation	Negative	MPIs
6	Exterior – east wall under wood siding – silver paper insulation	Negative	MPIs
7	Exterior – in west wall – blown in insulation	Negative	MBI
8	Exterior – in north wall – blown in insulation	Negative	MBI
9	Exterior – in east wall – blown in insulation	Negative	MBI

Sample #	Location and Description	Results	Homogeneous Code
10	1 <sup>st</sup> floor – living room – east wall – plaster	Negative	SP1
11a	1st floor – north bedroom – east wall – plaster	Negative	SP1
11b	1st floor – north bedroom – east wall – joint compound layer	Negative	SP1
12a	1st floor – kitchen – south wall – plaster	Negative	SP1
12b	1 <sup>st</sup> floor – kitchen – south wall – joint compound layer	Negative	SP1
13a	2 <sup>nd</sup> floor – stair – north wall – plaster	Negative	SP1
13b	2 <sup>nd</sup> floor – stair – north wall – joint compound layer	Negative	SP1
14a	2 <sup>nd</sup> floor – east bedroom – west wall – plaster	Negative	SP1
14b	2 <sup>nd</sup> floor – east bedroom – west wall – joint compound layer	Negative	SP1
15	1st floor – living room – ceiling – drywall	Negative	MDW
16	1st floor – dining room – north wall – drywall	Negative	MDW
17	1st floor – kitchen – west wall – drywall	Negative	MDW
18a	1 <sup>st</sup> floor – kitchen west side – 12" white floor tile	Negative	MF12w
18b	1st floor – kitchen west side – under 12" white floor tile – tan	Negative	MF12w
	mastic	8	
19a	1 <sup>st</sup> floor – kitchen north side – 12" white floor tile	Negative	MF12w
19b	1st floor – kitchen north side – under 12" white floor tile –	Negative	MF12w
	tan mastic	8	
20a	1 <sup>st</sup> floor – kitchen east side – 12" white floor tile	Negative	MF12w
20b	1st floor – kitchen east side – under 12" white floor tile – tan	Negative	MF12w
	mastic	8	
21a	1 <sup>st</sup> floor – bathroom – tan linoleum	Negative	MFLt
21b	1 <sup>st</sup> floor – bathroom – under tan linoleum – tan mastic	Negative	MFLt
22a	2 <sup>nd</sup> floor – west bedroom east side – 12" tan and black floor	Negative	MF12t
	tile	8	
22b	2 <sup>nd</sup> floor – west bedroom east side – under 12" tan and black	Negative	MF12t
	floor tile – tan mastic	C	
23a	2 <sup>nd</sup> floor – west bedroom north side – 12" tan and black floor	Negative	MF12t
	tile	C	
23b	2 <sup>nd</sup> floor – west bedroom north side – under 12" tan and	Negative	MF12t
	black floor tile – tan mastic		
24a	2 <sup>nd</sup> floor – west bedroom south side – 12" tan and black floor	Negative	MF12t
	tile		
24b	2 <sup>nd</sup> floor – west bedroom south side – under 12" tan and	Negative	MF12t
	black floor tile – tan mastic		
25a	2 <sup>nd</sup> floor – bathroom – 12" blue and white floor tile	Negative	MF12bw
25b	2 <sup>nd</sup> floor – bathroom – under 12" blue and white floor tile –	Negative	MF12bw
	tan mastic		
26a	2 <sup>nd</sup> floor – north closet – 12" red floor tile	Negative	MF12r
26b	2 <sup>nd</sup> floor – north closet – under 12" red floor tile – brown	Negative	MF12r
	mastic		
27a	Roof – southeast top layer – gray asphalt shingle	Negative	MRSy
27b	Roof – southeast 2 <sup>nd</sup> layer – gray and green asphalt shingle	Negative	MRSyg
28a	Roof – south center top layer – gray asphalt shingle	Negative	MRSy
28b	Roof – south center 2 <sup>nd</sup> layer – gray and green asphalt	Negative	MRSyg
	shingle		
29a	Roof – northeast top layer – gray asphalt shingle	Negative	MRSy
29b	Roof – northeast 2 <sup>nd</sup> layer – gray and green asphalt shingle	Negative	MRSyg
30	Basement – on chimney – flue packing	Negative	TFP
31	Basement – west side on duct – duct wrap	Positive 60%	TDW
		Chrysotile	
32	Basement – north side on duct – duct wrap	Positive 60%	TDW
		Chrysotile	

Sample #	Location and Description	Results	<b>Homogeneous Code</b>
33	Basement – south side on duct – duct wrap	Positive 60% Chrysotile	TDW
34	1 <sup>st</sup> floor – living room – on south window – glazing compound	Positive 2% Chrysotile	MPG
34	POINT COUNT RESULT	Trace 0.5% Chrysotile	MPG
35	2 <sup>nd</sup> floor – east bedroom – on south window – glazing compound	Positive 2% Chrysotile	MPG
35	POINT COUNT RESULT	Trace 0.25% Chrysotile	MPG
36	Basement – on east window – glazing compound	Positive 2% Chrysotile	MPG
36	POINT COUNT RESULT	Trace 0.5% Chrysotile	MPG

Two (2) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACMs):

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Transite Siding	MTP	Exterior Walls	1,150 SF	Category II Non-Friable
Duct Wrap	TDW	Basement on Ducts	15 SF	Friable

#### One (1) of the materials sampled contains less than 1% asbestos and is not an ACM:

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Window Glazing Compound	MPG	Windows on All Floors	20 Windows	Category II Non-Friable

#### **Assumed Asbestos Containing Materials**

Material	Location	Approximate Quantity	Material Type
Roof Flashing	Roof at Chimney	5 SF	Category I Non-Friable

The flashing was not accessible at the time of the inspection.

Note #1: The ACMs listed above are friable, category I non-friable, and category II non-friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that these materials be abated prior to deconstruction.

Note#2: The window glazing compound contains less than 1% asbestos as verified by the point count method, and by definition in NR 447 is not an ACM. The contractor must follow U.S. Occupational Safety and Health Administration requirements in 29 CFR 1926.1101 (Asbestos in Construction) during removal. This regulation requires the employer to protect employees from asbestos exposure if any amount of asbestos is present. These requirements include:

- Exposure assessments
- Use of respirators and protective clothing until exposure assessments results are known,
- Using wet methods and HEPA vacuums for cleanup of the joint compound,
- Putting waste in leak tight asbestos labeled containers

HMG recommends that the window glazing compound be removed by a Wisconsin certified asbestos company, as necessary, as part of the deconstruction project.

**Note#3:** If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

**Note#4:** A copy of this report should be transmitted to the deconstruction contractor.

Note#5: Additional duct wrap may be within walls and ceilings.

#### **Homogeneous Material Codes**

SP1 Plaster MTP Transite Siding Silver Paper Insulation **MPIs** Blown in Insulation MBI MDW Drywall MF12w 12" White Floor Tile MF12t 12" Tan Floor Tile MF12bw 12" Blue & White Floor Tile MF12r 12" Red Floor Tile Tan Linoleum MFLt Gray Asphalt Shingle MRSy Gray & Green Asphalt Shingle MRSyg **TFP** Flue Packing **TDW** Duct Wrap

#### V. LEAD PAINT INSPECTION

#### A. Methods

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 2430 North 11<sup>th</sup> Street, Milwaukee, Wisconsin, took place on July 19, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

#### **B.** Component Testing Results

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section X.

Interior: 2430 North 11th Street, Milwaukee, Wisconsin

• Painted block was observed on the interior basement walls. Lead based paint was not detected.

Exterior: 2430 North 11th Street, Milwaukee, Wisconsin

• Painted block was observed on the exterior basement walls. Lead based paint was detected.

The following are the laboratory results.

Site: 2430 North 11<sup>th</sup> Street, Milwaukee, Wisconsin Date: 7/19/19

	Paint Testing Results							
Sample Room Component Substrate Color Result (%								
P1	Exterior	North Wall	Block	Gray	3.13			
P2	Basement	South Wall	Block	Beige	0.00827			

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <a href="https://www.osha.gov/SLTC/lead/index.html">https://www.osha.gov/SLTC/lead/index.html</a> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

#### VI. EXCLUSIONS

Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

#### VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos and paint testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.

#### VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

#### **ASBESTOS**

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.

#### **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

N/A	Air Conditioners (roof top, room, and central)
N/A	Dehumidifiers
<u>N/A</u>	Heat Pumps
N/A	Refrigerators, Freezers, Chillers
N/A	Vending Machines, Food Display Cases
N/A	Walk-in Coolers
N/A	Water Fountains (bubblers)
N/A	Fire Extinguishers (both portable and installed HALON suppression systems)
N/A	Water Coolers

#### **LEAD**

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

#### **MERCURY**

Products that may contain mercury:

#### **LIGHTING**

2 Fluorescent Lights – 2<sup>nd</sup> Floor East & West Bedrooms

N/A High Intensity Discharge

-Metal Halide

-High Pressure Sodium

-Mercury Vapor

N/A Neon

N/A Switches for lighting using mercury relays

-Look for any control associated with exterior or automated

lighting systems such as "Silent" wall switches.

#### **HVAC**

Check thermostats and any control associated with air handling units for switches containing mercury.

#### HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

<u>N/A</u> Aquastats

<u>N/A</u> Firestats

<u>N/A</u> Manometers

N/A Thermometers

#### BOILERS, FURNACES, HEATERS AND TANKS

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

-	N/A	Load Meters and Supply Relays
-	N/A	Phase Splitters
-	N/A	Microwave Relays
-	N/A	Mercury Displacement Relays
PCBs at	nd should be n	manufactured prior to 1987, it is safe to assume that they contain nanaged accordingly. Most equipment manufactured after this time The following is a list of areas in a building where PCBs may be
iouiia.	N/A	Transformers
-	N/A	Capacitors (appliances, electronic equipment)
-	N/A	Heat Transfer Equipment
-	N/A	Ballasts
-	N/A	Specialty Paints (such as for swimming pools or other industrial
-	N/A	applications) Sumps or Oil Traps (in maintenance and industrial facilities)
OTHE	R ENVIRON	MENTAL ISSUES
-	N/A	Hazardous Waste
-	1	Oil Tanks – Basement
-	N/A	Well Abandonment
-	N/A	Junk Auto Tires
<u>-</u>	N/A	Junk Vehicles

\* 20 Gallons Paint in Dining Room, Kitchen, 2<sup>nd</sup> Floor East Bedroom

**ELECTRICAL SYSTEMS** 

### IX. ASBESTOS LABORATORY RESULTS

#### **Analysis Report**



## Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Order #:

327699

07/24/19

07/26/19

07/29/19

**Customer:** Harenda Management Group (5065)

Address: 1237 West Bruce Street

Milwaukee, WI 53204

Attn: Received
Analyzed
Reported

Project:

-Location: Wisconsin -Number: 19-400-037.2430

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
327699-001	07/19/19	1	Wisconsin		
Layer 1:	Transite			20% CHRYSOTILE	80% NON FIBROUS MATERIAL
Gray, H	ard				
327699-002	07/19/19	2	Wisconsin		
Layer 1:	Transite			20% CHRYSOTILE	80% NON FIBROUS MATERIAL
Gray, H	ard				
327699-003	07/19/19	3	Wisconsin		
Layer 1:	Transite			20% CHRYSOTILE	80% NON FIBROUS MATERIAL
Gray, H	ard				
327699-004	07/19/19	4	Wisconsin		
Layer 1:	Paper			None Detected	65% CELLULOSE FIBER
Beige/S	ilver, Fibro	us			15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
327699-005	07/19/19	5	Wisconsin		
Layer 1:	Paper			None Detected	65% CELLULOSE FIBER
Beige/S	ilver, Fibro	us			15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
327699-006	07/19/19	6	Wisconsin		
Layer 1:	Paper			None Detected	65% CELLULOSE FIBER
Beige/S	ilver, Fibro	JS			15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
327699-007	07/19/19	7	Wisconsin		
Layer 1:	Insulation	1		None Detected	65% CELLULOSE FIBER
Beige, F	ibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
327699-008	07/19/19	8	Wisconsin		
Layer 1:	Insulation	1		None Detected	65% CELLULOSE FIBER
Beige, F	ibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL

-Location: Wisconsin

Number: 19-400-037.2430

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

wetnoa:	etnod: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 76			763 PLIVI	•			
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials			
27699-009	07/19/19	9	Wisconsin					
Layer 1:	Insulation	า		None Detected	65% CELLULOSE FIBER			
Beige, F	ibrous				15% MINERAL/GLASS WOOL			
					20% NON FIBROUS MATERIA			
27699-010	07/19/19	10	Wisconsin					
Layer 1:	Plaster			None Detected	100% NON FIBROUS MATERIA			
Beige, C	Granular							
One Lay	er Found.							
27699-011	07/19/19	11	Wisconsin					
Layer 1:	Plaster	11	VVISCOLISILI	None Detected	100% NON FIBROUS MATERIA			
Gray, G				None Detected	100% NON FIBROUS MATERIA			
Glay, G	iailulai							
Layer 2:	Textured	Material		None Detected	100% NON FIBROUS MATERIA			
Beige, C		Material			100% NOITH BROOK NUTTERN			
20.90, 0	zi ai i ai ai							
27699-012	07/19/19	12	Wisconsin					
Layer 1:	Plaster			None Detected	100% NON FIBROUS MATERIA			
Beige, C	Granular							
Layer 2:	Textured	Material		None Detected	100% NON FIBROUS MATERIA			
Beige, C	Granular							
27699-013	07/19/19	13	Wisconsin					
Layer 1:	Plaster			None Detected	100% NON FIBROUS MATERIA			
Beige, C	3ranular							
Lavar O	Taydumad	Matarial		None Detected	4000/ NON FIRROUG MATERIA			
Layer 2:	Textured	Material		None Detected	100% NON FIBROUS MATERIA			
Gray, G	ranulai							
27699-014	07/19/19	14	Wisconsin					
Layer 1:	Plaster			None Detected	100% NON FIBROUS MATERIA			
Beige, C	Granular							
Layer 2:	Textured	Material		None Detected	100% NON FIBROUS MATERIA			
Gray, G	ranular							
27600 045	07/40/40	16	Wiggersin					
<b>27699-015</b> Layer 1:	07/19/19 Drywall	15	Wisconsin	None Detected	5% CELLULOSE FIBER			
-	-			None Detected	95% NON FIBROUS MATERIA			
White, F	owaery				93/0 INOIN FIDROUS WATERIA			

Location: Wisconsin
Number: 19-400-037.2430

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

Method:	EPA 600/F	2-93/116 & 40	CFR App. E Sub. E Pt. 7	763 <b>PLM</b>	Analysis
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
27699-016	07/19/19	16	Wisconsin		
Layer 1:	Drywall			None Detected	5% CELLULOSE FIBER
White, P	owdery				95% NON FIBROUS MATERIAL
27699-017	07/19/19	17	Wisconsin		
Layer 1:	Drywall			None Detected	5% CELLULOSE FIBER
White, P	owdery				95% NON FIBROUS MATERIAL
27699-018	07/19/19	18	Wisconsin		
Layer 1:	Floor Tile			None Detected	100% NON FIBROUS MATERIAL
Off Whit	e, Organic	ally Bound			
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
Tan, Sof					
327699-019	07/19/19	19	Wisconsin		
Layer 1:	Floor Tile			None Detected	100% NON FIBROUS MATERIAL
Off Whit	e, Organic	ally Bound			
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
Tan, Sof					100% Helt i Breede iii. Heltine
,	•				
27699-020	07/19/19	20	Wisconsin		
Layer 1:	Floor Tile			None Detected	100% NON FIBROUS MATERIAL
Off Whit	e, Organic	ally Bound			
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
Tan, Sof					
27699-021	07/19/19	21	Wisconsin	N D ( )	
Layer 1:	Floor Tile			None Detected	100% NON FIBROUS MATERIAL
wnite, C	Organically	Bouna			
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
Tan, Sof	t				
27699-022	07/19/19	22	Wisconsin		
Layer 1:	Floor Tile			None Detected	100% NON FIBROUS MATERIAL
Black, O	rganically	Bound			
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
Tan, Sof	t				

Location: Wisconsin

Number: 19-400-037.2430

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis** 

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
327699-023	07/19/19	23	Wisconsin			
Layer 1:	Floor Tile			None Detected	100%	NON FIBROUS MATERIAL
Black, C	organically I	Bound				
Layer 2:	Mastic			None Detected	100%	NON FIBROUS MATERIAL
Tan, So	ft					
327699-024	07/19/19	24	Wisconsin			
Layer 1:	Floor Tile	<b>!</b>		None Detected	100%	NON FIBROUS MATERIAL
Black, C	organically I	Bound				
Layer 2:	Mastic			None Detected	100%	NON FIBROUS MATERIAL
Tan, So	ft					
327699-025	07/19/19	25	Wisconsin			
Layer 1:	Floor Tile			None Detected	100%	NON FIBROUS MATERIAL
Black, C	Organically I	Bound				
				N 5 4 4 4		
Layer 2:	Mastic			None Detected	100%	NON FIBROUS MATERIAL
Tan, So	π					
327699-026	07/19/19	26	Wisconsin			
Layer 1:	Floor Tile		WISCONSIII	None Detected	100%	NON FIBROUS MATERIAL
	ganically B			None Beledied	100 /0	NON I IDROUG WATERIAL
1100, 01	garnoany D	ouna				
Layer 2:	Mastic			None Detected	100%	NON FIBROUS MATERIAL
Brown, I				110.10 20100104	10070	TOTAL I BROOK WATERWAL
Diowii, i	Sittle					
327699-027	07/19/19	27	Wisconsin			
Layer 1:	Shingle			None Detected	5%	CELLULOSE FIBER
Black/Bl	lue, Bitumir	nous/Granular			5%	MINERAL/GLASS WOOL
					90%	NON FIBROUS MATERIAL
Sample	was inhor	nogenous, sul	osamples of each o	component were analyzed separately		
Layer 2:	Shingle			None Detected	5%	CELLULOSE FIBER
Multi-Co	olored, Bitur	minous/Granula	ır		5%	MINERAL/GLASS WOOL
					90%	NON FIBROUS MATERIAL

Sample was inhomogenous, subsamples of each component were analyzed separately.

Location: Wisconsin
Number: 19-400-037.2430

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

welliou.	LFA 000/F	(-95/110 & 4	CER App. E Sub. E Pt	. 703 PLI	vi Analysis	
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
27699-028	07/19/19	28	Wisconsin			
Layer 1:	Shingle			None Detected		CELLULOSE FIBER
Black, B	ituminous/	Granular			5%	MINERAL/GLASS WOOL
					90%	NON FIBROUS MATERIAL
Sample	was inhor	mogenous,	subsamples of each co	omponent were analyzed sepa	rately.	
Layer 2:	Shingle			None Detected	5%	CELLULOSE FIBER
Black/G	ray, Bitumiı	nous/Granula	ar		5%	MINERAL/GLASS WOOL
					90%	NON FIBROUS MATERIAL
Sample	was inhor	mogenous,	subsamples of each co	omponent were analyzed sepa	rately.	
27699-029	07/19/19	29	Wisconsin			
Layer 1:	Shingle			None Detected	5%	CELLULOSE FIBER
Black, B	ituminous/	Granular			5%	MINERAL/GLASS WOOL
					90%	NON FIBROUS MATERIAL
Sample	was inhor	mogenous,	subsamples of each co	omponent were analyzed sepa	rately.	
Layer 2:	Shingle			None Detected	5%	CELLULOSE FIBER
Black/G	ray, Bitumiı	nous/Granula	ar		5%	MINERAL/GLASS WOOL
					90%	NON FIBROUS MATERIAL
Sample	was inhor	modenous.	subsamples of each co	omponent were analyzed sepa	ratelv.	
27699-030	07/19/19	30	Wisconsin			
Layer 1:	Hard Mat	erial		None Detected	100%	NON FIBROUS MATERIAL
Beige, F						
27699-031	07/19/19	31	Wisconsin	2004 0110140 0711 5		
Layer 1:	Insulation	1		60% CHRYSOTILE		CELLULOSE FIBER
Beige, F	ibrous					MINERAL/GLASS WOOL
					10%	NON FIBROUS MATERIAL
27699-032	07/19/19	32	Wisconsin			
Layer 1:	Insulation	1		60% CHRYSOTILE	20%	CELLULOSE FIBER
Beige, F	ibrous				10%	MINERAL/GLASS WOOL
					10%	NON FIBROUS MATERIAL
27699-033	07/19/19	33	Wisconsin			
Layer 1:	Insulation	1		60% CHRYSOTILE	20%	CELLULOSE FIBER
Beige, F	ibrous				10%	MINERAL/GLASS WOOL
0 /					10%	NON FIBROUS MATERIAL
27699-034	07/19/19	34	Wisconsin			
Layer 1:	Granular	Material		2% CHRYSOTILE	98%	NON FIBROUS MATERIAL
White, C		-				-
27699-035	07/19/19	35	Wisconsin			
Layer 1:	Granular	Material		2% CHRYSOTILE	98%	NON FIBROUS MATERIAL
White, C	Granular					

Location: Wisconsin

Number: 19-400-037.2430

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

Sample IDCollectedCust. IDLocationAsbestos FibersOther Materials327699-03607/19/1936WisconsinLayer 1:Granular Material2% CHRYSOTILE98% NON FIBROUS MATERIAL

White, Granular

**EPA Regulatory Limit: 1%** 

Analyst Mohammed Hashim

Total layers analyzed on order: 52

Mahmul Haghime

reported relate only to the samples submitted.

327699-07/29/19 10:25 AM

Reviewed By: Irma Faszewski

QAQC Director



2512 West Cary Street, Richmond, Virginia 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475 www.slabinc.com • info@slabinc.com



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fghraizi UPS 7/24/2019 10:C 5:09 AM 1Z2E28998463043486

Submitting Co.	Harenda	Managem	ent Group	State of Collection	WI	-	Cert. Required	☐ YES	□ NO	
1237 West Bruce S	treet			Acct#	5065		Phone	(4	414) 647-15	30
Milwaukee, WI 5320	04			Email	dean.jaco	bsen@kph	environmer			·
Project Name				PO#						
Project Location	Wiscons	in		Special Inst	ructions:					
Project Number	19-400-0	37.2430								
Collected By										
Turn Around	Ma	atrix	Tests/A	nalytes (	Select ALL th	at Apply) B	lank spaces a	re for addition	onal analytes	W
□ 2 Hour *	□ Air		Asbestos in Bulk		s Total		CLP	II	Microbiolog	CONTRACTOR CONTRACTOR CONTRACTOR
☐ Same day *	☐ Paint	t ,	■ PLM	☐ Lead		☐ Lead			(MPN/PA)	
☐ 1 business day	☐ Soil		☐ PLM Qualitative	☐ RCRA	8 Metals	☐ RCRA	8 Metals	□ Mold	Direct Exam	
☐ 2 business days	☐ Wipe	•	☐ 400 Point Count	☐ Chrom	ium VI	□ Full T	CLP	☐ Allerg	ens	<u> </u>
	■ Bulk		1000 Point Count	☐ Mercu	ry	(w/ organics :	10 Day)	Sub-Contract		
☐ 5 business days	□ Wast		☐ Gravimetric Prep						Chatfield	
* not available for all tests  ** past 3 PM the TAT will begin		nd Water	Asbestos in Air	Gravii	the street profits to be set	Miscel	laneous	☐ TEM A	AHERA	
next business day	g of Colores	king Water	□ PCM	☐ Total ☐ NIOSH	0500	☐ Silica FTIR (7602)		☐ TEM 7402		
Please schedule rush tests in advance	☐ TSP /	PIMIO	□ PCM-B Rules	□ Resp. I NIOSH	0600			☐ Silica)	XRD (7500)	
Portor reconstruction Union reconstruction and Construction						L				
	Date	Time	Sample Identifie		1111		2	NAME OF THE RESERVE	erra i gran	
Sample #	Date Sampled	Time Sampled	Sample Identifica (Employee, Bldg,Materia		Wipe Area	Tii Start	me <sup>2</sup> Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
Sample #		7,421,000,000,000							The second of th	Total Air⁴
7 2	Sampled	7,421,000,000,000							The second of th	Total Air <sup>4</sup>
1	Sampled	7,421,000,000,000							The second of th	Total Air⁴
7 2 3 4	Sampled	7,421,000,000,000							The second of th	Total Air <sup>4</sup>
7 2 3	Sampled	7,421,000,000,000							The second of th	Total Air <sup>4</sup>
7 2 3 4	Sampled	7,421,000,000,000							The second of th	Total Air <sup>4</sup>
7 2 3 4 5	Sampled	7,421,000,000,000							The second of th	Total Air <sup>4</sup>
7 2 3 4 5	Sampled	7,421,000,000,000							72.4	Total Air <sup>4</sup>
7 3 4 5 6 7	Sampled	7,421,000,000,000							72.4	Total Air <sup>4</sup>
7 3 4 5 6 7	Sampled	7,421,000,000,000							72.4	Total Air <sup>4</sup>
1 2 3 4 5 6 7 8 9	Sampled: 7   19   19	/Sampled	(Employee, Bldg,Materi	al, Type¹)	Area	Start	Stop.	Start	Stop	Total Air <sup>4</sup>
1 2 3 4 5 6 7 8 9 10	Sampled 7   19   19	//Sampled	(Employee, Bldg, Materi	al, Type¹)	Area	Start  splicate and spi	Stop	Start  e in min × flow	Stop	Total Air <sup>4</sup>



Submitting Co.	Harenda	Managem	ent Group	State of Collection	WI		Cert.	☐ YES	□ NO	
1237 West Bruce S	treet			Acct #	5065		Required Phone	3	414) 647-15	30
Milwaukee, WI 532	04			Email	dean.jaco	bsen@kph	 environmer	<u> </u>	, 01, 10	
Project Name				PO#						
Project Location	Wisconsi	n		Special Instr	uctions:					· · · · · · · · · · · · · · · · · · ·
Project Number	19-400-0	37.2430								
Collected By										
Turn Around Time **	Ma	itrix	Tests/A	nalytes (s	Select ALL th	at Apply) Bi	ank spaces a	re for additi	onal analytes	
☐ 2 Hour *	□ Air		Asbestos in Bulk	Metal		1 7 SUND 1 SUND	CLP		Microbiolo	The second of the second of the second of
☐ Same day *	☐ Paint		■ PLM	☐ Lead		☐ Lead			(MPN/PA)	
☐ 1 business day	☐ Soil		☐ PLM Qualitative	□ RCRA 8	Metals	☐ RCRA	8 Metals	☐ Mold	Direct Exam	
☐ 2 business days	□ Wipe		☐ 400 Point Count	☐ Chrom	ium VI	☐ Full TCLP		☐ All <b>e</b> rgens		
☑ 3 business days	■ Bülk		☐ 1000 Point Count	☐ Mercui	ry	(w/ organics 1	0 Day)	Sub-Contract		
☐ 5 business days	□ Wast		☐ Gravimetric Prep	<u> </u>				□ ТЕМ С	Chatfield	
* not available for all tests  ** past 3 PM the TAT will begin		nd Water	Asbestos in Air	Gravir			laneous	☐ TEM A	AHERA	
next business day		ing Water	□ PCM	☐ Total D NIOSH		☐ Silica F	TIR (7602)	☐ TEM 7402		
Please schedule rush tests in advance	□ TSP / □	PIVITU	☐ PCM-B Rules	□ Resp. D NIOSH	0600			☐ Silica :	XRD (7500)	
				777						
Sample #	Date Sampled	Time Sampled	Sample Identifica (Employee, Bidg, Materia	15	Wipe Area	Tin Start		San 18 18 18 18 18 18 18 18 18 18 18 18 18	Rate <sup>3</sup>	Total Air <sup>4</sup>
Sample.#				15		Tin Start	ne <sup>2</sup> Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
	Sampled			15				San 18 18 18 18 18 18 18 18 18 18 18 18 18	A CONTRACTOR OF THE SECOND	Total Air <sup>4</sup>
l(	Sampled			15				San 18 18 18 18 18 18 18 18 18 18 18 18 18	A CONTRACTOR OF THE SECOND	Total Air⁴
l(  Z	Sampled			15				San 18 18 18 18 18 18 18 18 18 18 18 18 18	A CONTRACTOR OF THE SECOND	Total Air⁴
l( 12 13	Sampled			15				San 18 18 18 18 18 18 18 18 18 18 18 18 18	A CONTRACTOR OF THE SECOND	Total Air⁴
1( 12 13 14	Sampled			15				San 18 18 18 18 18 18 18 18 18 18 18 18 18	A CONTRACTOR OF THE SECOND	
1( 12 13 14 15	Sampled			15				San 18 18 18 18 18 18 18 18 18 18 18 18 18	A CONTRACTOR OF THE SECOND	
1( 12 13 14 15	Sampled			15				San 18 18 18 18 18 18 18 18 18 18 18 18 18	A CONTRACTOR OF THE SECOND	
1( 12 13 14 15 16	Sampled			15				San 18 18 18 18 18 18 18 18 18 18 18 18 18	A CONTRACTOR OF THE SECOND	
1( 12 13 14 15 16 17	Sampled			15				San 18 18 18 18 18 18 18 18 18 18 18 18 18	A CONTRACTOR OF THE SECOND	
11 12 13 19 15 16 17 18 19 20	Sampled 1 Ft 19	Sampled For Aqu	(Employee, Bidg,Materi	al, Type <sup>1</sup> )	Area	Start	Stop.	Start	Stop	
11 12 13 14 15 16 17 18 19 20	Sampled 7   Ft   G	For Aqu	(Employee, Bidg,Materi	al, Type <sup>1</sup> )	Area	Start  Start  plicate and spil	Stop  Ke analysis ne in Liters [tim	Start:	Stop	
11 12 13 14 15 16 17 18 19 20	Sampled 7   Ft   G	For Aque, P=Personal,	(Employee, Bidg,Materi	e enough samp	Area le is sent for du iod <sup>3</sup> Liters/N	Start  Start  plicate and spil  nute 4Volur  Date/	Stop  Ke analysis ne in Liters [tim	Start:	Stop	



Submitting Co.	Harenda Managem	ent Group	State of WI	Cert.	☐ YES ☐ NO	
1237 West Bruce S	treet		Acct # 5065	Required Phone	(414) 647-1530	
Milwaukee, WI 5320	04		Email dean.jaco	bbsen@kphenvironmer		-
Project Name			PO#			
Project Location	Wisconsin		Special Instructions:			
Project Number	19-400-037.2430					
Collected By						
Turn Around Time **	Matrix	Tests/A	nalytes (select ALL th	nat Apply) Blank spaces a	re for additional analytes	
☐ 2 Hour *	☐ Air	Asbestos in Bulk	Metals Total	TCLP	Microbiology	
☐ Same day *	☐ Paint	■ PLM	□ Lead	□ Lead	☐ BACT (MPN/PA)	
☐ 1 business day	☐ Soil	☐ PLM Qualitative	☐ RCRA 8 Metals	☐ RCRA 8 Metals	☐ Mold Direct Exam	
☐ 2 business days	☐ Wipe	☐ 400 Point Count	☐ Chromium VI	☐ Full TCLP	☐ Allergens	
☑ 3 business days	■ Bulk ≀	☐ 1000 Point Count	.   Mercury	(w/ organics 10 Day)	Sub-Contract	)
☐ 5 business days	☐ Waste Water	☐ Gravimetric Prep			☐ TEM Chatfield	
* not available for all tests  ** past 3 PM the TAT will begin	☐ Ground Water	Asbestos in Air	Gravimetric	Miscellaneous	☐ TEM AHERA	
next business day	☐ Drinking Water	□ PCM	☐ Total Dust NIOSH 0500	☐ Silica FTIR (7602)	☐ TEM 7402	
Please schedule rush tests in advance	□ TSP / PM10	- □ RCM-B Rules	☐ Resp. Dust NIOSH 0600		☐ Silica XRD (7500)	
	AND					
4.4	Date Time	Sample Identifie	stine Wille		Proceedings of the Control of the Co	
Sample #	Date Time Sampled Sampled	Sample Identifica (Employee, Bldg,Materi		Time <sup>2</sup> Start Stop	Flow Rate <sup>3</sup> Total Air	r <sup>4</sup>
81		•			Total Δi	r <sup>4</sup>
81	Sampled Sampled	•			Total Δi	r <sup>4</sup>
21	Sampled Sampled	•			Total Δi	r <sup>4</sup>
21	Sampled Sampled	•			Total Δi	r <sup>4</sup>
21 22 23	Sampled Sampled	•			Total Δi	<b>-</b> 4
21 22 23 24	Sampled Sampled	•			Total Δi	r <sup>4</sup>
21 22 23 24 25	Sampled Sampled	•			Total Δi	r <sup>4</sup>
21 22 23 24 25 26	Sampled Sampled	•			Total Δi	r <sup>4</sup>
21 22 23 24 25 26 27	Sampled Sampled	•			Total Δi	<i>A</i>
21 22 23 24 25 26 27 28	Sampled Sampled	•			Total Δi	A
21 22 23 24 25 26 27 28 29 30	Sampled: Sampled:	(Employee, Bldg,Materi	al, Type <sup>1</sup> ) Area	Start: Stop	Start Stop Total Air	<b>A</b>
21 22 23 24 25 26 27 28 29 29 30	Sampled: Sampled:  1 (F) (F)  For Aqu  For Aqu  Area, B=Blank, P=Personal,	(Employee, Bldg,Materi	al, Type <sup>1</sup> ) Area	Start: Stop  Uplicate and spike analysis  Alinute 4Volume in Liters Itim	Start Stop Total Air	4
21 22 23 24 25 26 27 28 29 30	Sampled Sampled  [[E] [E]  For Aqu  =Area, B=Blank, P=Personal,  2an Jacksen	ueous and Solid samples ensur E=Excursion <sup>2</sup> Beginning/En	re enough sample is sent for did of Sample Period 3 Liters/N	uplicate and spike analysis //inute 4Volume in Liters [tim	Start Stop Total Air	r4



Submitting Co.	Harenda	Manageme	ent Group	State of Collection	WI	-	Cert. Required	☐ YES	□ NO	
1237 West Bruce St	treet	· · ·		Acct#	5065		Phone	(4	414) 647- <b>1</b> 5	30
Milwaukee, WI 5320	)4			Email	dean.jaco	bsen@kph	environmer	mtal.com		
Project Name				PO #				1		
Project Location	Wisconsii	ı		Special Instr	ructions:					
Project Number	19-400-03	37.2430			·					
Collected By										
Turn Around	Ma	trix	Tests/A	nalytes (s	Select ALL th	at Apply) Bl	ank spaces a	re for additi	nal analytes	
□ 2 Hour *	☐ Air	er och en er	Asbestos in Bulk	1	s Total	T. 24 T. 27 T. 2	CLP	237 25 25 25 25	Microbiolog	CONTRACTOR SERVICES NO SERVICES SERVICES
☐ Same day *	☐ Paint		■ PLM	☐ Lead		☐ Lead			(MPN/PA)	<b>&gt;</b> 7
☐ 1 business day	□ Soil		☐ PLM Qualitative	☐ RCRA 8	8 Metals	☐ RCRA	8 Metals	<u> </u>	Direct Exam	
☐ 2 business days	□ Wipe		☐ 400 Point Count	☐ Chrom	ium Vi	☐ Full To	CLP	☐ Allerg	ens	4.4
☑ 3 business days	. ■ Bulk		☐ 1000 Point Count	☐ Mercu	ry	(w/ organics 1	0 Day)	S	ub-Contra	ct
☐ 5 business days	☐ Waste	Water	☐ Gravimetric Prep					□ ТЕМ С	hatfield	
* not available for all tests	☐ Grour	nd Water	Asbestos in Air	Gravir	metric	Miscel	laneous	☐ TEM A	HERA	
** past 3 PM the TAT will begin next business day	☐ Drinki	_	□ РСМ	☐ Total D NIOSH	0500	☐ Silica I	TIR (7602)	□ ТЕМ 7	402	
Please schedule rush tests in advance	☐ TSP /	PM10	PCM-B Rules	☐ Resp. [ NIOSH	Oust 0600		and the second of the second o	☐ Silica	XRD (7500)	
AND COMMON AND THE AND THE PROPERTY AND										
Sample#	Date Sampled	Time Sampled	Sample Identific (Employee, Bldg,Materi	_	Wipe Area	Tir Start	ne <sup>2</sup> Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
3(	1/4/19							STAR SAN SERVICE STAR STAR STAR		
32	THE COLUMN					· .				
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	· ·						<u> </u>			·
		Eor An	ueous and Solid samples ensu	re enough so	ole le contitue d	mallanden and last	pa analysis			
¹Type: /	A=Area, B=Blan			nd &{ Sample Per			ке anaiysis me in Liters [tin	ne in min x flow	in L/min1	engalose MART
	Pan (	^		1/8				1	· -,	
Relinquished By:		Samona and the harmon armone	Signature:	hy)			Time_7/23	19 1700		
	and the second second	Sand the state of	SHADED FIELDS N							

#### **Analysis Report**



## Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)

Address: 1237 West Bruce Street

Milwaukee, WI 53204

Order #: 328687

Received

07/29/19

Analyzed

07/31/19

Reported

07/31/19

Project:

Laver 1:

Attn:

-Location: Wisconsin

Number: 19-400-037.2430

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 with Point Count PI

**PLM Analysis** 

Sample ID	Collected	Cust. ID	Location	Asb	estos Fibers		Other Materials
328687-001	07/19/19	34	Wisconsin				
Layer 1: White, 0	Granular Granular, H	Material omogenous		0.50%	CHRYSOTILE	99.50%	NON FIBROUS MATERIAL
328687-002	07/19/19	35	Wisconsin				
Layer 1: White, 0	Granular Granular, H	Material omogenous		0.25%	CHRYSOTILE	99.75%	NON FIBROUS MATERIAL
328687-003	07/19/19	36	Wisconsin				

0.50% CHRYSOTILE

White, Granular, Homogenous

**Granular Material** 

EPA Regulatory Limit: 1% Total layers analyzed on order: 3

Makeund Haghine

Analyst Mohammed Hashim

328687-07/31/19 05:00 PM

99.50% NON FIBROUS MATERIAL

Reviewed By: Irma Faszewski

QAQC Director

Reporting limit: 0.25% Samples analyzed by the EPA Point Count test method. The EPA recommends that any vermiculite sample with a trace (<1) or greater amount of asbestos is a concern and should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other government agency endorsement. The test results reported relate only to the samples submitted.



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		V	:\32	8\32	2 <b>868</b> 2019	31		
١	vthras				2019	0.04	.00	
ļ	Hand	Deli	vere	d				

Submitting Co.	Harenda N	/anageme	nt Group	State of Collection	Wi		Cert. Required	☐ YES	□ NO	
1237 West Bruce St	reet			Acct#	5065		Phone	(4	14) 647-153	30
Milwaukee, WI 5320	)4		ANT THE THE PERSON AND AND AND AND AND AND AND AND AND AN	Email	dean.jacob	sen@kphe	nvironmeni	mtal.com	**************************************	
Project Name				PO#						
Project Location	Wisconsin	Andreading Confession to the second		Special Inst		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
Project Number	19-400-03	7.2430	-	Order #	: 327699					,
Collected By										
Turn Around Time **	Ma	trix	Tests/A	nalytes (	Select ALL the	at Apply) 8la	nk spaces a	e for additio	nal analytes	
☐ 2 Hoiµr *	☐ Air		Asbestos in Bulk	Metal	s Total	TC	LP 📗	N	1icrobiolog	у
☐ Same day *	☐ Paint	1	□ PLM	-□ Lead		Lead		☐ BACT (	MPN/PA)	
2 1 business day	☐ Soil ☐ PLM Qualitative ☐ Wipe ☐ 400 Point Count		☐ RCRA	8 Metals	☐ RCRA 8	Metals	☐ Mold t	Direct Exam		
☐ 2 business days			400 Point Count	☐ Chromium VI		☐ Full TC		☐ Allergens		
☐ 3 business days	Bulk		1000 Point Count	☐ Merci	ary	(w/ organics 10	(Day)	Sub-Contract		
☐ S business days	☐ Waste	Water	☐ Gravimetric Prep					☐ TEM C	hatfield	
* not available for all tests	☐ Grour	d Water	Asbestos in Air	II	metric	Miscell	aneous	☐ TEM AHERA		
** past-3 PM the TAT will begin next business day	☐ Drinki	ng Water	☐ PCM	☐ Total Dust ☐ Silica FTIR (7602)		TIR (7602)	☐ TEM 7402			
Please schedule rush tests	☐ TSP /	PM10	☐ PCM-B Rules	Resp. Dust DIOSH 0600			☐ Silica XRD (7500)			
in advance	. 🗆	·								
K										
Sample #	Date Sampled	Time Sampled	Sample Identific (Employee, Bldg,Mate		Wipe Area	Tin Start	ne <sup>2</sup> Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
Sample #						A 49 BH BH - 50 B				Total Air <sup>4</sup>
	Sampled					A 49 BH BH - 50 B				
34	Sampled					A 49 BH BH - 50 B				
34	Sampled					A 49 BH BH - 50 B				
34	Sampled					A 49 00 00 00 00 00 00 00 00 00 00 00 00 00			Stop	
34	Sampled					A 49 00 00 00 00 00 00 00 00 00 00 00 00 00			Stop	
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34	Sampled					A 49 00 00 00 00 00 00 00 00 00 00 00 00 00			Stop	
34	Sampled	Sampled		rlal, Type <sup>3</sup> )	Area	Start	Stop		Stop	
34 35 36	Sampled	Sampled	(Employee, Bldg, Mater	rlal, Type <sup>3</sup> )	Area	duplicate and sp	Stop	Start	Stop	
34 35 36	Sampled 7/19/19	For A snk, P=Persons	queous and Solid samples en	sure enough sa	Area  Imple is sent for Period <sup>3</sup> Liters	duplicate and sp./Minute 1vol	oike analysis ume in Liters [t	Start  ime in min × flo  29/14/2	Stop	

X. LEAD LABORATORY RESULTS

#### **Analysis Report**



## Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)

1237 West Bruce Street Address:

Milwaukee, WI 53204 Matrix Received

Attn: **Project:** 

-Location: Wisconsin Number: 19-400-037.2430 PO Number:

Sample ID Cust. Sample ID Sample Date Weight Location **Parameter** Method % / Wt. Conc. RL\* Total µg P1 07/19/19 327695-001 329 mg Lead **EPA 7000B** 10300 µg 31300 mg/kg 1520 mg/kg 3.13 % 327695-002 P2 07/19/19 341 mg EPA 7000B 0.00827 % Lead 28.2 µg 82.7 mg/kg 29.3 mg/kg

Analyst: MKS

327695-07/24/19 04:49 PM

**Federal Lead Paint Statute** 

Location Clearance Unit Lead in paint by weight < 0.50 % Lead in paint as PPM < 5000 mg/kg

327695 Order #:

Paint 07/24/19 **Analyzed** 07/24/19 Reported

07/24/19

Reviewed By: Jennifer Lee

Manager

Minimum reporting limit: 10.0 μg. All internal QC parameters were met. Unusual sample conditions, if any, are described. Do not reproduce this report except in full. Values are reported to three significant figures. PPM = mg/kg | PPB = µg/kg. The test results reported relate only to the samples submitted. AIHA-LAP, LLC accredited for Lead (Lab ID 100527).



## SCHNEIDER LABORATORIES GLOBAL, INC.

2512 West Cary Street, Richmond, Virginia 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475 www.slabinc.com • info@slabinc.com



fghraizi UPS

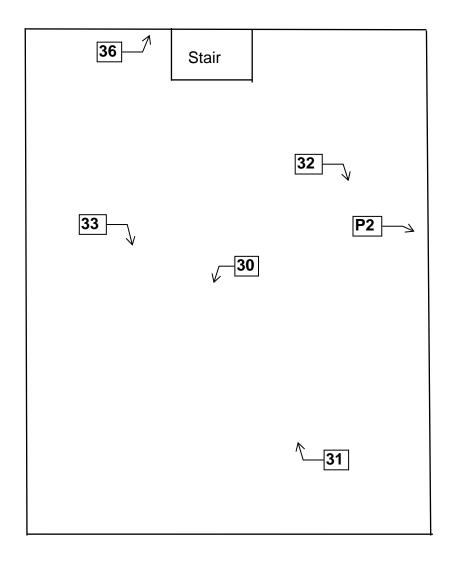
7/24/2019 10:C 5:09 AM 1Z2E28998463043486

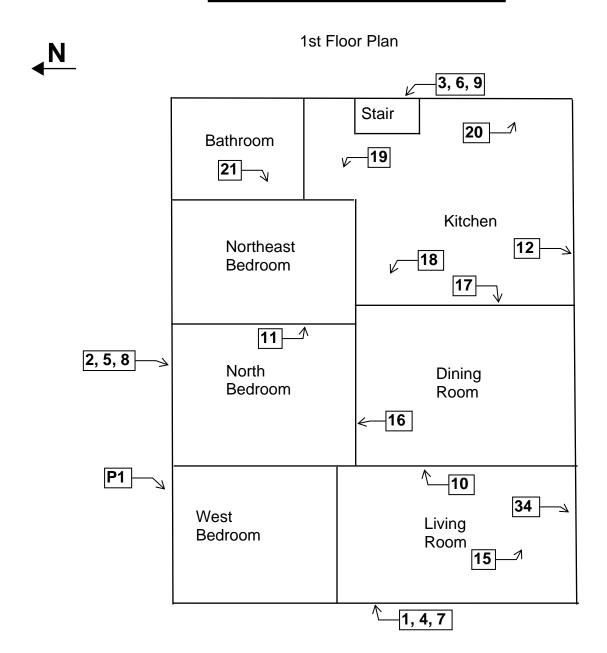
Submitting Co.	Harenda Management Group		State of Collection WI		Cert. Required	☐ YES	□ NO				
1237 West Bruce Street			Acct#	5065		Phone	(4	414) 647-15	30		
Milwaukee, WI 53204			Email	dean.jaco	bsen@kph	environmen	mtal.com				
Project Name			PO#								
Project Location	Wisconsi	n	•		Special Instr	uctions:					
Project Number	19-400-0	37.2430									
Collected By								,			
Turn Around Time **	Ma	trix		Tests/A	nalytes (s	elect ALL th	at Apply) Bi	ank spaces a	re for additi	onal analytes	
☐ 2 Hour *	☐ Air		Asbest	os in Bulk	Metal			CLP	CONTRACTOR STATE OF THE STATE O	Microbiolo	Inter-Security and Company of Ecologic
☐ Same day *	■ Paint		☐ PLM		Lead	Fall of F	☐ Lead		□ васт	(MPN/PA)	
☐ 1 business day	☐ Soil		☐ PLM	Qualitative	☐ RCRA 8	3 Metals	☐ RCRA	8 Metals	☐ Mold	Direct Exam	
☐ 2 business days	☐ Wipe		□ 400	Point Count	☐ Chrom	ium VI	□ Full To	CLP	☐ Allerg	ens	and the second
☑ 3 business days	☐ Bulk		□ 1000	Point Count	☐ Mercu	ry	(w/ organics 1	0 Day)		Sub-Contra	et
☐ 5 business days	☐ Wasto	e Water	☐ Grav	vimetric Prep					□ ТЕМ	Chatfield	
* not available for all tests  ** past 3 PM the TAT will begin	☐ Grour		Asbest	tos in Air	Gravir	N. 2000 A. P. Charles	Miscel	laneous	□ ТЕМ	<b>AHERA</b>	
next business day	⊔ Drinki	ng Water	□ PCM		☐ Total D NIOSH		☐ Silica I	FTIR (7602)	☐ TEM 7	7402	
Please schedule rush tests in advance	□ TSP/	PM10	PCM	-B Rules	☐ Resp. D NIOSH	0600			⊡Silica	XRD (7500)	Myray man or many training man
		Market State (Market Salance									
Sample #	Date Sampled	Time Sampled		nple Identifica yee, Bldg,Materi	1	Wipe Area	Tir Start	ne <sup>2</sup> Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
PI	7/19/19								A. C.		
Pa	•										
1			· · · · · · · · · · · · · · · · · · ·					-			
					•						
		1		:							
				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \							
				\(\frac{1}{2}\)							
<sup>2</sup> Type: A	=Area, R=Rlan	For Aqu	eous and Soli	id samples ensur							
	<u> </u>	k, P=Personal, E	=Excursion	<sup>2</sup> Beginning/Eng	e enough sampl d of Sample Peri		inute <sup>4</sup> Volur	ne in Liters [time		in L/min]	
¹Type: A	(	s, P=Personal, E	=Excursion _ Signatur	<sup>2</sup> Beginning/Eng	of Sample Peri	od <sup>3</sup> Liters/M	inute ⁴Volur Date/1	ne in Liters [time Time_フ/しろ(		in L/min]	

#### **XI. FLOOR PLANS**

**N** 

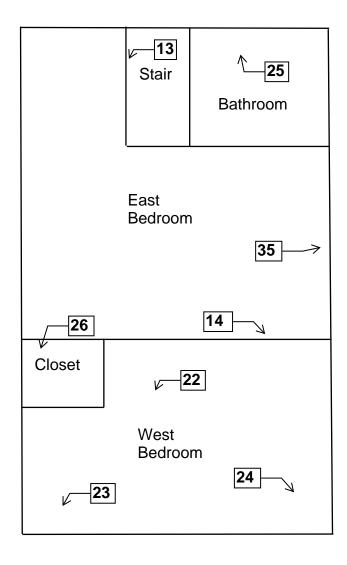
#### Basement Floor Plan





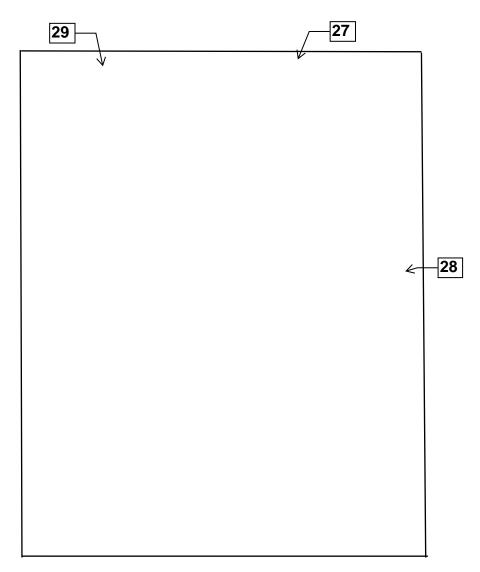


#### 2nd Floor Plan





### Roof Floor Plan



#### XII. HMG CERTIFICATION



This certifies that

# HARENDA MANAGEMENT GROUP

1237 W BRUCE ST MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

Asbestos Company -- Primary

Certificate Issue Date: 07/23/2019

Expiration Date: 08/31/2021, 12:01 a.m.

Certification #: CAP-480540

Wisconsin Department of Health Services

Division of Public Health

Bureau of Environmental and Occupational Health

Asbestos & Lead Section

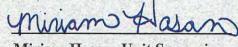
PO Box 2659

Madison WI 53701-2659

Phone: (608) 261-6876







Miriam Hasan, Unit Supervisor

Scott Walker Governor

Linda Seemever Secretary

August 27, 2018

State of Wisconsin Department of Health Services

1 WEST WILSON STREET

P O BOX 2659 MADISON WI 53701-2659

Telephone: 608 266-1251 FAX: 608 267-2832 TTY: 888-701-1253 dhs.wisconsin.gov

JAZMIN K C SPEARS 1237 W BRUCE ST MILWAUKEE WI 53204-1218

ID# AII-111055

Congratulations! Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

#### Follow Wisconsin law by making sure that you:

- 1. Have your blue card with you when doing regulated work.
- 2. Work safely using the methods you learned in training.
- 3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos Online Certification website, www.dhs.wisconsin.gov/waldo, or by mailing a note to:

Lead and Asbestos Section 1 W. Wilson St., Room 137 P.O. Box 2659 Madison WI 53701-2659

- 4. Take refresher training well before the "Training due by" date printed on your blue card.
  - o Asbestos-certified individuals must refresh in Wisconsin no earlier than 90 days before the due date to keep the same expiration date.
  - Find asbestos training providers at www.dhs.wisconsin.gov/asbestos. Lead-certified individuals can refresh up to 1 year before the due date.

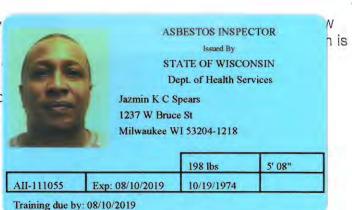
Find lead training providers at www.dhs.wisconsin.gov/lead.

- 5. Apply to renew your card at least 1 month before the "Exp." date on your blue card.
- 6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at www.dhs.wisconsin.gov/lead or www.dhs.wisconsin.gov/asbestos.
- 7. Don't conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, y professional responsibility. Contact us if below and on the back of your blue card

The Lead and Asbestos Certification Pro (608) 261-6876 DHSAsbestosLead@wi.gov www.dhs.wisconsin.gov/asbestos

www.dhs.wisconsin.gov/lead





# DECONSTRUCTION INSPECTION REPORT Job Site:

Two Family Dwelling 3101-03 North 20<sup>th</sup> Street Milwaukee, Wisconsin

For:

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1st Floor
Milwaukee, Wisconsin 53202-3613

HMG Report No.: 19-400-037.3101-03 Inspector: Jazmin Spears Contract No.: 360-19-0975

Prepared by:

#### HARENDA MANAGEMENT GROUP

1237 West Bruce Street Milwaukee, Wisconsin 53204 (414) 383-4800

**July 2019** 

#### Signature Page

Deconstruction Inspection Report Two Family Dwelling 3101-03 North 20<sup>th</sup> Street Milwaukee, Wisconsin

1 :

Dean Jacobsen

Asbestos Inspector No. AII - 14370

Expiration Date: 12/2/19

Harenda Management Group

Jazmin Spears

Asbestos Inspector No. AII – 111055

Expiration Date: 8/10/19 Harenda Management Group July 26, 2019

City of Milwaukee Department of Neighborhood Services Attn: Marge Piwaron 841 North Broadway 1<sup>st</sup> Floor Milwaukee, Wisconsin 53202-3613

RE: Deconstruction Inspection Report

3101-03 North 20th Street

Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 3101-03 North 20<sup>th</sup> Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP

Dean Jacobsen

Asbestos Inspector No. AII - 14370

#### **Signature Page**

Deconstruction Inspection Report Two Family Dwelling 3101-03 North 20<sup>th</sup> Street Milwaukee, Wisconsin

<del>\_\_\_\_\_</del>

Dean Jacobsen
Asbestos Inspector No. AII – 14370
Expiration Date: 12/2/19
Harenda Management Group

Jazmin Spears Asbestos Inspector No. AII – 111055 Expiration Date: 8/10/19 Harenda Management Group July 26, 2019

City of Milwaukee Department of Neighborhood Services Attn: Marge Piwaron 841 North Broadway 1<sup>st</sup> Floor Milwaukee, Wisconsin 53202-3613

RE: Deconstruction Inspection Report 3101-03 North 20<sup>th</sup> Street Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 3101-03 North 20<sup>th</sup> Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

#### HARENDA MANAGEMENT GROUP

Dean Jacobsen Asbestos Inspector No. AII – 14370

#### **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 3101-03 North 20th Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in exterior transite siding and in duct wrap sampled during the inspection. Asbestos was assumed to be in the roof flashing at the chimney. Results are in Section IV of this report.

Lead was detected in paint on the interior basement walls and exterior porch columns. Results are in Section V of this report.

# TABLE OF CONTENTS Deconstruction Inspection Report

I.	Introduction	1
II.	Asbestos Inspection	1
III.	Asbestos Laboratory  A. Method of Analysis	2
IV.	Asbestos Findings and Observations	2
V.	Lead Paint InspectionA. Methods B. Component Testing Results	5
VI.	Exclusions	6
VII.	Limitations	7
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X.	Lead Laboratory Results	13
XI.	Floor Plans	14
XII.	HMG Certifications	15

#### I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling at 3101-03 North 20<sup>th</sup> Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has vinyl and wood walls with asphalt roofing.

#### II. ASBESTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

On July 17, 2019, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 3101-03 North 20<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Jazmin Spears, Wisconsin License No. AII – 111055, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

- 1. A visual determination as to the extent of suspect asbestos containing materials within the building.
- 2. Sampling and documentation of observable suspect asbestos containing materials.
- 3. Quantification of observable asbestos containing materials existing within the spaces.
- 4. Sampling of suspect lead painted masonry surfaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Transite siding
- Tar paper
- Drywall
- Paper insulation
- Window glazing compound
- Duct wrap
- Floor tile
- Linoleum
- Texture
- Asphalt roofing
- Plaster
- Roof flashing

#### Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

#### III. ASBESTOS LABORATORY

#### A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crodcidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

#### IV. ASBESTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – north wall – transite siding	Positive 20%	MTP
		Chrysotile	
2	Exterior – west wall – transite siding	Positive 20%	MTP
		Chrysotile	
3	Exterior – south wall – transite siding	Positive 20%	MTP
		Chrysotile	
4	Exterior – north wall under transite – tar paper	Negative	MPT
5	Exterior – west wall under transite – tar paper	Negative	MPT
6	Exterior – south wall under transite – tar paper	Negative	MPT
7	Exterior – north wall under tar paper – drywall	Negative	MDW
8	Exterior – north wall under tar paper – drywall	Negative	MDW
9	Exterior – north wall under tar paper – drywall	Negative	MDW
10	Exterior – north wall under wood siding – black paper	Negative	MPIk
	insulation		

Sample #	Location and Description	Results	Homogeneous Code
11	Exterior – west wall under wood siding – black paper	Negative	MPIk
11	insulation	1 (egail (e	IVII IN
12	Exterior – south wall under wood siding – black paper	Negative	MPIk
	insulation	S	
13	1st floor – living room – on east window – glazing compound	Negative	MPG
14	2 <sup>nd</sup> floor – bathroom – on north window – glazing compound	Negative	MPG
15	Basement – on south window – glazing compound	Negative	MPG
16	1st floor – living room – on west wall duct – duct wrap	Positive 55%	TDW
		Chrysotile	
17	2 <sup>nd</sup> floor – kitchen – on east wall duct – duct wrap	Positive 55%	TDW
10		Chrysotile	TODAY!
18	Basement – on duct near center – duct wrap	Positive 55%	TDW
10	1st O C 4 4 4 4 1 1022 1 4 14 O 41	Chrysotile	ME124
19 20	1 <sup>st</sup> floor – front entry top layer – 12" white and tan floor tile 1 <sup>st</sup> floor – front entry 2 <sup>nd</sup> layer – 12" gold and tan floor tile	Negative Negative	MF12wt MF12dt
	1st floor – kitchen – northeast top layer – 12" cream floor tile	Negative	
21 22a	1st floor – kitchen – northeast top layer – 12" cream floor tile  1st floor – kitchen – northwest top layer – 12" cream floor	Negative Negative	MF12c MF12c
∠∠a	tile	riegative	IVII' 1 ZC
22b	1st floor – kitchen – northwest top layer – under 12" cream	Negative	MF12c
220	floor tile – yellow mastic	regative	IVII 12C
23a	1 <sup>st</sup> floor – kitchen – southwest top layer – 12" cream floor	Negative	MF12c
	tile	8	
23b	1st floor – kitchen – southwest top layer – under 12" cream	Negative	MF12c
	floor tile – yellow mastic		
24a	1 <sup>st</sup> floor – kitchen – northeast 3 <sup>rd</sup> layer – 12" tan and black	Negative	MF12tk
	floor tile		
24b	1 <sup>st</sup> floor – kitchen – northeast 3 <sup>rd</sup> p layer – under 12" tan and	Negative	MF12c
2.5	black floor tile – yellow mastic	27	) (F) (O)
25a	1st floor – kitchen – northwest 3rd layer – 12" tan and black	Negative	MF12tk
25b	floor tile  1st floor – kitchen – northwest 3rd p layer – under 12" tan and	Negative	MF12c
230	black floor tile – yellow mastic	Negative	WIF 12C
26a	1st floor – kitchen – southwest 3rd layer – 12" tan and black	Negative	MF12tk
200	floor tile	regative	WII 12tk
26b	1st floor – kitchen – southwest 3rd p layer – under 12" tan and	Negative	MF12c
	black floor tile – yellow mastic	-6	
27	1 <sup>st</sup> floor – bathroom – white and blue linoleum	Negative	MFLwb
28	2 <sup>nd</sup> floor – kitchen – west side top layer – 12" green and	Negative	MF12gw
	white floor tile		_
29	2 <sup>nd</sup> floor – kitchen – east side top layer – 12" green and white	Negative	MF12gw
	floor tile		
30	2 <sup>nd</sup> floor – kitchen – south side top layer – 12" green and	Negative	MF12gw
2.1	white floor tile	37	) (E12)
31	2 <sup>nd</sup> floor – kitchen – west side 2 <sup>nd</sup> layer – 12" tan floor tile	Negative	MF12t
32	2nd floor – kitchen – east side 2nd layer – 12" tan floor tile	Negative	MF12t
33	2 <sup>nd</sup> floor – kitchen – south side 2 <sup>nd</sup> layer – 12" tan floor tile 2 <sup>nd</sup> floor – bathroom – 12" white floor tile	Negative	MF12t
34a	2 <sup>nd</sup> floor – bathroom – 12" white floor tile  2 <sup>nd</sup> floor – bathroom – under 12" white floor tile – black	Negative	MF12w MF12w
34b	mastic	Negative	IVIT I Z W
35	Attic – stair – brown linoleum	Negative	MFLn
36	2 <sup>nd</sup> floor – living room – on south wall – texture	Negative	STX
37a	Roof – northeast 2 <sup>nd</sup> layer – red asphalt shingle	Negative	MRSr
37b	Roof – northeast top layer – tan asphalt shingle	Negative	MRSt

Sample #	Location and Description	Results	<b>Homogeneous Code</b>
38a	Roof – southeast 2 <sup>nd</sup> layer – red asphalt shingle	Negative	MRSr
38b	Roof – southeast top layer – tan asphalt shingle	Negative	MRSt
39a	Roof – southwest 2 <sup>nd</sup> layer – red asphalt shingle	Negative	MRSr
39b	Roof – southwest top layer – tan asphalt shingle	Negative	MRSt
41	Basement – stair – brown and tan linoleum	Negative	MFLnt
44	1st floor – front entry – south wall – plaster	Negative	SPl
45	1 <sup>st</sup> floor – living room – south wall – plaster	Negative	SPl
46	1st floor – dining room – east wall – plaster	Negative	SPl
47	1st floor – northwest bedroom – west wall – plaster	Negative	SPl
48	2 <sup>nd</sup> floor – rear stair – west wall – plaster	Negative	SPl
49	2 <sup>nd</sup> floor – kitchen – west wall – plaster	Negative	SPl
50	2 <sup>nd</sup> floor – northeast bedroom – east wall – plaster	Negative	SPl

Two (2) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Duct Wrap	TDW	Ducts in 1st Floor Walls,	260 SF	Friable
		Basement Ducts		
Transite Siding	MTP	Exterior Walls	2,700 SF	Category II Non-Friable

#### **Assumed Asbestos Containing Materials**

Material	Location	Approximate Quantity	Material Type
Roof Flashing	Roof at Chimney	5 SF	Category I Non-Friable

The flashing was not accessible at the time of the inspection.

Note #1: The ACMs listed above are friable, category I non-friable, and category II non-friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that these materials be abated prior to deconstruction.

**Note#2:** If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

**Note#3:** A copy of this report should be transmitted to the deconstruction contractor.

Note #4: Additional duct wrap may be within walls and ceilings.

#### **Homogeneous Material Codes**

SPI	Plaster
STX	Texture
MTP	Transite
MPT	Tar Paper
MDW	Drywall
MPIk	Black Paper Insulation
MPG	Window Glazing Compound
MF12wt	12" White & Tan Floor Tile
MF12dt	12" Gold & Tan Floor Tile
MF12c	12" Cream Floor Tile

#### **Homogeneous Material Codes**

MF12tk 12" Tan & Black Floor Tile MF12wg 12" White & Green Floor Tile MF12w 12" White Floor Tile MF12t 12" Tan Floor Tile

MFLwb White & Blue Linoleum
MFLn Brown Linoleum

MFLnt Brown & Tan Linoleum MRSt Tan Asphalt Shingle MRSr Red Asphalt Shingle

TDW Duct Wrap

#### V. LEAD PAINT INSPECTION

#### A. Methods

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 3101-03 North 20<sup>th</sup> Street, Milwaukee, Wisconsin, took place on July 17, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

#### **B.** Component Testing Results

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section X.

Interior: 3101-03 North 20th Street, Milwaukee, Wisconsin

• Painted brick was observed on the interior basement walls. Lead based paint was not detected.

Exterior: 3101-03 North 20th Street, Milwaukee, Wisconsin

• Painted brick was observed on the exterior front porch columns. Lead based paint was not detected.

The following are the laboratory results.

Site: 3101-03 North 20th Street, Milwaukee, Wisconsin

Paint Testing Results						
Sample	Room	Component	Substrate	Color	Result (% Lead)	
P1	Exterior	Front Porch Column	Block	Brown	0.242	
P2	Basement	South Wall	Brick	White	0.00609	

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <a href="https://www.osha.gov/SLTC/lead/index.html">https://www.osha.gov/SLTC/lead/index.html</a> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste (<a href="https://dnr.wi.gov/files/PDF/pubs/wa/WA605.pdf">https://dnr.wi.gov/files/PDF/pubs/wa/WA605.pdf</a>,). They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

#### VI. EXCLUSIONS

Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the deconstruction contractor.

Date: 7/17/19

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

#### VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos and paint testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.

#### VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

#### **ASBESTOS**

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.

#### **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

N/A	Air Conditioners (roof top, room, and central)
N/A	Dehumidifiers
<u>N/A</u>	Heat Pumps
N/A	Refrigerators, Freezers, Chillers
N/A	Vending Machines, Food Display Cases
N/A	Walk-in Coolers
N/A	Water Fountains (bubblers)
N/A	Fire Extinguishers (both portable and installed HALON suppression systems)
N/A	Water Coolers

#### LEAD

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

#### **MERCURY**

Products that may contain mercury:

#### **LIGHTING**

2 Fluorescent Lights – 2<sup>nd</sup> Floor Northwest Bedroom

N/A High Intensity Discharge

-Metal Halide

-High Pressure Sodium

-Mercury Vapor

N/A Neon

N/A Switches for lighting using mercury relays

-Look for any control associated with exterior or automated

lighting systems such as "Silent" wall switches.

#### **HVAC**

Check thermostats and any control associated with air handling units for switches containing mercury.

#### HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

<u>N/A</u> Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

#### BOILERS, FURNACES, HEATERS AND TANKS

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

N/A	Load Meters and Supply Relays
<u>N/A</u>	Phase Splitters
N/A	Microwave Relays
N/A	Mercury Displacement Relays
PCBs and should be	es manufactured prior to 1987, it is safe to assume that they contain e managed accordingly. Most equipment manufactured after this time ". The following is a list of areas in a building where PCBs may be
<u>N/A</u>	Transformers
N/A	Capacitors (appliances, electronic equipment)
<u>N/A</u>	Heat Transfer Equipment
N/A	Ballasts
<u>N/A</u>	Specialty Paints (such as for swimming pools or other industrial applications)
N/A	Sumps or Oil Traps (in maintenance and industrial facilities)
OTHER ENVIRO	NMENTAL ISSUES
<u>N/A</u>	Hazardous Waste
N/A	Oil Tanks
N/A	Well Abandonment
<u>N/A</u>	Junk Auto Tires

N/A

Junk Vehicles

**ELECTRICAL SYSTEMS** 

<sup>\* 2</sup> Gas Meters on Exteriors

#### IX. ASBESTOS LABORATORY RESULTS

#### **Analysis Report**



# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Order #:

326872

07/19/19

07/23/19

07/24/19

Customer: Harenda Management Group (5065)

Address: 1237 West Bruce Street

Milwaukee, WI 53204

Attn: Received
Analyzed
Reported

Project:

Location: Wisconsin

Number: 19-400-037.3103-05

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

Sample ID         Collected         Cust. ID         Location         Asbestos Fibers           326872-001         07/17/19         1         Wisconsin           Layer 1:         Hard Material         20% CHRYSOTILE           Gray, Hard         Wisconsin           Layer 1:         Hard Material         20% CHRYSOTILE           Gray, Hard         Wisconsin           Layer 1:         Hard Material         20% CHRYSOTILE	80% NON FIBROUS MATERIAL  80% NON FIBROUS MATERIAL  80% NON FIBROUS MATERIAL
Layer 1: Hard Material 20% CHRYSOTILE  326872-002 07/17/19 2 Wisconsin  Layer 1: Hard Material 20% CHRYSOTILE  Gray, Hard  326872-003 07/17/19 3 Wisconsin	80% NON FIBROUS MATERIAL
Gray, Hard  326872-002 07/17/19 2 Wisconsin  Layer 1: Hard Material 20% CHRYSOTILE  Gray, Hard  326872-003 07/17/19 3 Wisconsin	80% NON FIBROUS MATERIAL
326872-002 07/17/19 2 Wisconsin  Layer 1: Hard Material 20% CHRYSOTILE  Gray, Hard  326872-003 07/17/19 3 Wisconsin	
Layer 1: Hard Material 20% CHRYSOTILE Gray, Hard  326872-003 07/17/19 3 Wisconsin	
Layer 1: Hard Material 20% CHRYSOTILE Gray, Hard  326872-003 07/17/19 3 Wisconsin	
Gray, Hard  326872-003 07/17/19 3 Wisconsin	
<b>326872-003</b> 07/17/19 3 Wisconsin	80% NON FIBROUS MATERIAL
	80% NON FIBROUS MATERIAL
	80% NON FIBROUS MATERIAL
Layer 1: Hard Material 20% CHRYSOTILE	80% NON FIBROUS MATERIAL
Gray, Hard	
<b>326872-004</b> 07/17/19 4 Wisconsin	
Layer 1: Fibrous Material None Detected	45% CELLULOSE FIBER
Black, Bituminous/Fibrous	10% NON FIBROUS MATERIAL
	45% SYNTHETIC FIBER
<b>326872-005</b> 07/17/19 5 Wisconsin	
Layer 1: Fibrous Material None Detected	45% CELLULOSE FIBER
Black, Bituminous/Fibrous	10% NON FIBROUS MATERIAL
	45% SYNTHETIC FIBER
<b>326872-006</b> 07/17/19 6 Wisconsin	
Layer 1: Fibrous Material None Detected	45% CELLULOSE FIBER
Black, Bituminous/Fibrous	10% NON FIBROUS MATERIAL
	45% SYNTHETIC FIBER
<b>326872-007</b> 07/17/19 7 Wisconsin	
Layer 1: Drywall None Detected	4% CELLULOSE FIBER
White, Powdery	96% NON FIBROUS MATERIAL
<b>326872-008</b> 07/17/19 8 Wisconsin	
Layer 1: Drywall None Detected	4% CELLULOSE FIBER
White, Powdery	96% NON FIBROUS MATERIAL

Location: Wisconsin

Number: 19-400-037.3103-05

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

Metnoa:	EPA 600/F	K-93/116 & 40	OCFR App. E Sub. E Pt.	763 PLM	Analysis	
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
326872-009	07/17/19	9	Wisconsin			
Layer 1:	Drywall			None Detected		CELLULOSE FIBER
White, F	Powdery				96%	NON FIBROUS MATERIAL
326872-010	07/17/19	10	Wisconsin			
Layer 1:	Fibrous N			None Detected	45%	CELLULOSE FIBER
Black, B	ituminous/	Fibrous				NON FIBROUS MATERIAL
					45%	SYNTHETIC FIBER
326872-011	07/17/19	11	Wisconsin			
Layer 1:	Fibrous N	/laterial		None Detected	45%	CELLULOSE FIBER
Black, B	ituminous/	Fibrous			10%	NON FIBROUS MATERIAL
					45%	SYNTHETIC FIBER
326872-012	07/17/19	12	Wisconsin			
Layer 1:	Fibrous N	Material		None Detected	45%	CELLULOSE FIBER
Black, B	ituminous/	Fibrous			10%	NON FIBROUS MATERIAL
					45%	SYNTHETIC FIBER
326872-013	07/17/19	13	Wisconsin			
Layer 1:	Granular	Material		None Detected	100%	NON FIBROUS MATERIAL
Gray, G	ranular					
326872-014	07/17/19	14	Wisconsin			
Layer 1: Gray, G	Granular ranular	Material		None Detected	100%	NON FIBROUS MATERIAL
326872-015	07/17/19	15	Wisconsin			
Layer 1:	Granular	Material		None Detected	100%	NON FIBROUS MATERIAL
Gray, G	ranular					
326872-016	07/17/19	16	Wisconsin			
Layer 1:	Fibrous N	/laterial		55% CHRYSOTILE	35%	CELLULOSE FIBER
Gray, Fi	brous				10%	NON FIBROUS MATERIAL
326872-017	07/17/19	17	Wisconsin			
Layer 1:	Fibrous N	/laterial		55% CHRYSOTILE	35%	CELLULOSE FIBER
Gray, Fi	brous				10%	NON FIBROUS MATERIAL
326872-018	07/17/19	18	Wisconsin			
Layer 1:	Fibrous N	/laterial		55% CHRYSOTILE	35%	CELLULOSE FIBER
Gray, Fi	brous				10%	NON FIBROUS MATERIAL

Location: Wisconsin

Number: 19-400-037.3103-05

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

	EFA 000/K-	33/110 Q 40 CI	FR App. E Sub. E Pt. 763	PLIVI	Analysis	
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
26872-019	07/17/19	19	Wisconsin			
Layer 1:	Floor Tile			None Detected	100%	NON FIBROUS MATERIAL
Beige, C	Organically B	ound				
326872-020	07/17/19	20	Wisconsin			
Layer 1:	Floor Tile			None Detected	100%	NON FIBROUS MATERIAL
Beige, C	Organically B	ound				
26872-021	07/17/19	21	Wisconsin			
Layer 1:	Floor Tile			None Detected	100%	NON FIBROUS MATERIAL
Beige, C	Organically B	ound				
26872-022	07/17/19	22	Wisconsin			
Layer 1:	Floor Tile			None Detected	100%	NON FIBROUS MATERIAL
Beige, C	Organically B	ound				
Layer 2:	Mastic			None Detected	100%	NON FIBROUS MATERIAL
Yellow,	Soft					
26872-023	07/17/19	23	Wisconsin			
Layer 1:	Floor Tile			None Detected	100%	NON FIBROUS MATERIAL
Beige, C	Organically B	ound				
Layer 2:	Mastic			None Detected	100%	NON FIBROUS MATERIAL
Yellow, S	Soft				10070	
	Joil				10070	
	oon				10070	
26872-024		24	Wisconsin		100%	
<b>26872-024</b> Layer 1:		24	Wisconsin	None Detected		NON FIBROUS MATERIAL
Layer 1:	07/17/19		Wisconsin	None Detected		NON FIBROUS MATERIAL
•	07/17/19 : Floor Tile		Wisconsin	None Detected		NON FIBROUS MATERIAL
Layer 1:	07/17/19 : Floor Tile		Wisconsin	None Detected  None Detected	100%	NON FIBROUS MATERIAL
Layer 1: Light Gr	07/17/19 : Floor Tile een, Rubber Mastic		Wisconsin		100%	
Layer 1: Light Gr	07/17/19 : Floor Tile een, Rubber Mastic		Wisconsin		100%	
Layer 1: Light Gro Layer 2: Yellow, S	07/17/19 : Floor Tile een, Rubber Mastic Soft		Wisconsin		100%	
Layer 1: Light Gro Layer 2: Yellow, S	07/17/19 : Floor Tile een, Rubber Mastic Soft	у			100%	
Layer 1: Light Ground Layer 2: Yellow, 9  26872-025 Layer 1:	07/17/19 : Floor Tile een, Rubber Mastic Soft 07/17/19 :	y 25		None Detected	100%	NON FIBROUS MATERIAL
Layer 1: Light Grant Layer 2: Yellow, 9 26872-025 Layer 1:	07/17/19 : Floor Tile een, Rubber  Mastic Soft  07/17/19 : Floor Tile	y 25		None Detected	100%	NON FIBROUS MATERIAL
Layer 1: Light Grant Layer 2: Yellow, 9 26872-025 Layer 1:	07/17/19 : Floor Tile een, Rubber  Mastic Soft  07/17/19 : Floor Tile	y 25		None Detected	100%	NON FIBROUS MATERIAL

Location: Wisconsin

Number: 19-400-037.3103-05

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 PLM Analysis

Methoa:	EPA 600/R	(-93/116 & 40 CF	R App. E Sub. E Pt. 763	PLM Ana	ıysıs	
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
326872-026	07/17/19	26	Wisconsin			
Layer 1:	Floor Tile			None Detected	100%	NON FIBROUS MATERIAL
Light Gr	een, Rubbe	ery				
Layer 2:	Mastic			None Detected	100%	NON FIBROUS MATERIAL
Yellow,	Soft					
326872-027	07/17/19	27	Wisconsin			
Layer 1:	Flooring			None Detected	25%	CELLULOSE FIBER
Gray, Fi	•				65%	NON FIBROUS MATERIAL
•					10%	SYNTHETIC FIBER
Sample	was inhor	modenous subs	samples of each compon	ent were analyzed separately.		
326872-028		28	Wisconsin	citi were analyzed separately.		
Layer 1:	Floor Tile			None Detected	100%	NON FIBROUS MATERIAL
•	te, Organic				10070	NON I IBROOG WITTERWA
CII VVIIII	.c, c.gaillo	, Dound				
326872-029	07/17/19	29	Wisconsin			
	Floor Tile		WIGOOIGIII	None Detected	100%	NON FIBROUS MATERIAL
Layer 1:	te, Organic			None Beteeted	100 /6	NON I IBROOS WATERIAL
On will	le, Organic	ally bould				
326872-030	07/17/19	30	Wisconsin			
			VVISCOLISITI	None Detected	4000/	NON FIREQUE MATERIAL
Layer 1:	Floor Tile			None Detected	100%	NON FIBROUS MATERIAL
On will	te, Organic	ally boullu				
226072 024	07/17/10	21	Missansin			
326872-031	07/17/19	31	Wisconsin	Nana Datastad	050/	OFILLII OOF FIRED
Layer 1:	Flooring	"ib na a		None Detected		CELLULOSE FIBER NON FIBROUS MATERIAL
Olive, O	rg.Bound/F	ibrous				SYNTHETIC FIBER
					30 %	STNTHETIC FIBER
326872-032	07/17/19	32	Wisconsin			
Layer 1:	Flooring			None Detected		CELLULOSE FIBER
Olive, O	rg.Bound/F	ibrous				NON FIBROUS MATERIAL
					30%	SYNTHETIC FIBER
326872-033	07/17/19	33	Wisconsin			
Layer 1:	Flooring			None Detected		CELLULOSE FIBER
Olive, O	rg.Bound/F	ibrous				NON FIBROUS MATERIAL
					30%	SYNTHETIC FIBER
326872-034	07/17/19	34	Wisconsin			
Layer 1:	Floor Tile			None Detected	100%	NON FIBROUS MATERIAL
White, C	Organically	Bound				
	•					
Layer 2:	Mastic			None Detected	100%	NON FIBROUS MATERIAL
-	Situminous				. 30 70	
, D						

Location: Wisconsin

Number: 19-400-037.3103-05

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 PLM Analysis

wetnod:	EPA 600/R	R-93/116 & 40 C	11 1 App. L 3ub. L 1 t.	703 FLIVI A	Anaiysis
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326872-035	07/17/19	35	Wisconsin		
Layer 1:	Flooring			None Detected	25% CELLULOSE FIBER
Tan, Fib	rous				55% NON FIBROUS MATERI
					20% SYNTHETIC FIBER
Sample	was inhor	nogenous, sul	samples of each co	mponent were analyzed separat	ely.
326872-036	07/17/19	36	Wisconsin		
Layer 1:	Granular	Material		None Detected	100% NON FIBROUS MATERI
White, G	∂ranular				
326872-037	07/17/19	37	Wisconsin		
Layer 1:	Roofing N	∕laterial		None Detected	15% CELLULOSE FIBER
Pink/Bla	ick, Bitumin	ious			70% NON FIBROUS MATERI
					15% SYNTHETIC FIBER
Sample	was inhor	nogenous, sul	samples of each co	mponent were analyzed separat	ely.
Layer 2:	Roofing N	∕laterial		None Detected	15% CELLULOSE FIBER
Tan/Blac	ck, Bitumin	ous			70% NON FIBROUS MATERI
					15% SYNTHETIC FIBER
Sample	was inhor	nogenous, sul	samples of each co	mponent were analyzed separat	elv.
326872-038	07/17/19	38	Wisconsin	, , ,	•
Layer 1:	Roofing N	/laterial		None Detected	15% CELLULOSE FIBER
Pink/Bla	ıck, Bitumin	ious			70% NON FIBROUS MATERI
					15% SYNTHETIC FIBER
Sample	was inhor	nogenous, sul	samples of each co	mponent were analyzed separat	ely.
Layer 2:	Roofing N	∕laterial		None Detected	15% CELLULOSE FIBER
Tan/Blac	ck, Bitumin	ous			70% NON FIBROUS MATERI
					15% SYNTHETIC FIBER
Sample	was inhor	nogenous, sul	samples of each co	mponent were analyzed separat	ely.
326872-039	07/17/19	39	Wisconsin		
Layer 1:	Roofing N	∕laterial		None Detected	15% CELLULOSE FIBER
Pink/Bla	-				1370 CLLLULUSL FIBLIC
i iiiio Bia	ıck, Bitumin				70% NON FIBROUS MATERI
i iiiio Bia	-				
	ıck, Bitumin	nous	osamples of each co	mponent were analyzed separat	70% NON FIBROUS MATERI 15% SYNTHETIC FIBER
Sample	ck, Bitumin	nous <b>mogenous</b> , <b>su</b> l	osamples of each co	mponent were analyzed separat None Detected	70% NON FIBROUS MATERI 15% SYNTHETIC FIBER
Sample Layer 2:	ıck, Bitumin	nous <b>mogenous, sul</b> Material	osamples of each co	•	70% NON FIBROUS MATERI 15% SYNTHETIC FIBER ely.
Sample Layer 2:	was inhor	nous <b>mogenous, sul</b> Material	osamples of each co	•	70% NON FIBROUS MATERI 15% SYNTHETIC FIBER  ely. 15% CELLULOSE FIBER
Sample Layer 2: Tan/Blac	was inhor Roofing N ck, Bitumine	nous <b>mogenous, sul</b> Material ous	·	None Detected	70% NON FIBROUS MATERI 15% SYNTHETIC FIBER  ely.  15% CELLULOSE FIBER 70% NON FIBROUS MATERI 15% SYNTHETIC FIBER
Sample Layer 2: Tan/Blace Sample	was inhor Roofing N ck, Bitumine	nous <b>mogenous, sul</b> Material ous	·	•	70% NON FIBROUS MATERI 15% SYNTHETIC FIBER  ely.  15% CELLULOSE FIBER 70% NON FIBROUS MATERI 15% SYNTHETIC FIBER
Sample Layer 2: Tan/Blac	was inhor Roofing N ck, Bitumine	nous mogenous, sul Material ous mogenous, sul	osamples of each co	None Detected	70% NON FIBROUS MATERI 15% SYNTHETIC FIBER  ely.  15% CELLULOSE FIBER 70% NON FIBROUS MATERI 15% SYNTHETIC FIBER

Location: Wisconsin

Number: 19-400-037.3103-05

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 PLM Analysis

Wietilou.	LI A 000/1	(-33/110 tx <del>+</del> 0	OTTO App. L Oub. LTt. 70	DO FLIVI	Allalysis	
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
326872-041	07/17/19	44	Wisconsin			
Layer 1:	Plaster			None Detected	3%	ANIMAL HAIR
Gray, G	ranular				97%	NON FIBROUS MATERIAL
326872-042	07/17/19	45	Wisconsin			
Layer 1:	Plaster			None Detected	2%	ANIMAL HAIR
Gray, G	ranular				98%	NON FIBROUS MATERIAL
326872-043	07/17/19	46	Wisconsin			
Layer 1:	Plaster			None Detected	2%	ANIMAL HAIR
Gray, G	ranular				98%	NON FIBROUS MATERIAL
326872-044	07/17/19	47	Wisconsin			
Layer 1:	Plaster			None Detected	3%	ANIMAL HAIR
Gray, G	ranular				97%	NON FIBROUS MATERIAL
326872-045	07/17/19	48	Wisconsin			
Layer 1:	Plaster			None Detected	3%	ANIMAL HAIR
Gray, G	ranular				97%	NON FIBROUS MATERIAL
326872-046	07/17/19	49	Wisconsin			
Layer 1:	Plaster			None Detected	2%	ANIMAL HAIR
Gray, G	ranular				98%	NON FIBROUS MATERIAL
326872-047	07/17/19	50	Wisconsin			
Layer 1:	Plaster			None Detected	2%	ANIMAL HAIR
Gray, G	ranular				98%	NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%

Analyst Elsamani Abdelfadiel

Total layers analyzed on order: 56

326872-07/24/19 12:53 PM

Reviewed By: Irma Faszewski

QAQC Director



### SCHNEIDER LABORATORIES GLOBAL, INC.

2512 West Cary Street, Richmond, Virginia 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475 www.slabinc.com • info@slabinc.com



V \326\326872

thawks UPS 7/19/2019 10:13:32 AM 1Z2E2899846 1231468

Submitting Co.	Harenda	Manageme	ent Group	State of Collection	WI		Cert. Required	☐ YES	□ NO		
1237 West Bruce S	treet			Acct#	5065	Phone (414) 647-1530				30	
Milwaukee, WI 5320	04			Email dean.jacobsen@kphenvironmenmtal.com							
Project Name				PO#							
Project Location	Wisconsir	n		Special Instructions:							
Project Number	19-400-03	37.3103-05									
Collected By											
Turin Around	Ma	trix	Tests/A	nalytes (s	elect ALL th	at Apply) Bla	ank spaces a	re for additio	nal analytes		
□ 2 Hour *	□ Air		Asbestos in Bulk		s Total	TCLP			1icrobiolog	y	
☐ Same day *	☐ Paint		■ PLM	☐ Lead		☐ Lead		☐ BACT (			
☐ 1 business day	☐ Soil		☐ PLM Qualitative	☐ RCRA	8 Metals	☐ RCRA	8 Metals	☐ Mold [	Direct Exam		
☐ 2 business days	☐ Wipe		☐ 400 Point Count	☐ Chrom	ium VI	☐ Full TC	CLP	☐ Allergens			
☑ 3 business days	■ Bulk		☐ 1000 Point Count	☐ Mercu	ry	(w/ organics 1	0 Day)	Sub-Contract			
☐ 5 business days	☐ Waste	e Water	☐ Gravimetric Prep						☐ TEM Chatfield		
* not available for all tests	☐ Grour	nd Water	Asbestos in Air	Graviı	metric	Miscellaneous		☐ TEM AHERA			
** past 3 PM the TAT will begin next business day	☐ Drinking Water		□ PCM	☐ Total [ NIOSH	Oust 0500	☐ Silica FTIR (7602)		☐ TEM 7402			
Please schedule rush tests in advance	☐ TSP / PM10		☐ PCM-B Rules	☐ Resp. Dust NIOSH 0600				☐ Silica XRD (7500)			
		Time	Sample Identific	ation	Wipe	Tin	2		3 . 3		
Complet	Date	in in it.	Sample identific	auon			JE 100 100 100 100 100 100 100 100 100 10	Flow	Rate		
.Sample.#	Sampled	Sampled	(Employee, Bldg,Mater		Area	Start	Stop	Start	Kate Stop	Total Air <sup>4</sup>	
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1 2 3	Sampled	The second second second	· ·			The state of the s	STATE OF STREET			Total Air <sup>4</sup>	
1 2 3 4 5	Sampled	The second second second	· ·			The state of the s	STATE OF STREET			Total Air <sup>4</sup>	
1 2 3 4 5 6	Sampled	The second second second	· ·			The state of the s	STATE OF STREET			Total Air <sup>4</sup>	
1 2 3 4 5 6 7	Sampled	The second second second	· ·			The state of the s	STATE OF STREET			Total Air <sup>4</sup>	
1 2 3 4 5 6 7	Sampled	The second second second	· ·			The state of the s	STATE OF STREET			Total Air <sup>4</sup>	
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1 2 3 4 5 6 7 8 9	Sampled	For Ac	(Employee, Bldg,Materi	ial, Type¹)	Area	Start uplicate and sp	Stop	Start	Stop	Total Air <sup>4</sup>	



# SCHNEIDER LABORATORIES GLOBAL, INC.

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Submitting Co.	Lloro				State of	<del></del>						
1237 West Bruce S	91	noa	Manageme	ent Group	Collection	WI	Required			☐ YES ☐ NO		
					Acct #	5065 Phone (414) 647-1530					30	
Milwaukee, WI 5320	)4 T		<u> </u>		Email dean.jacobsen@kphenvironmenmtal.com							
Project Name		<del></del> -			PO#							
Project Location	Wisc				Special Instr	uctions:						
Project Number	19-4	00-0	37.3103-05	5	]							
Collected By										:		
Turn Around Time **		Ma	trix	Tests/A	malytes (s	elect ALL th	at Apply) Bl	ank spaces a	re for additio	nal analytes		
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☐ Same day *		Paint		■ PLM	☐ Lead		☐ Lead		□ BACT (	(MPN/PA)		
☐ 1 business day		Soil		☐ PLM Qualitative	☐ RCRA 8	3 Metals	☐ RCRA 8 Metals		☐ Mold I	Direct Exam		
☐ 2 business days		Wipe		☐ 400 Point Count	☐ Chrom	ium VI	☐ Full TCLP		☐ Allerge	ens		
☑ 3 business days	. 🔳	Bulk		☐ 1000 Point Count	☐ Mercu	ry	(w/ organics 10 Day)		Sub-Contract			
☐ 5 business days	, D	Waste	e Water	☐ Gravimetric Prep					□ ТЕМ С	hatfield		
* not available for all tests			nd Water	Asbestos in Air	Gravimetric		Miscellaneous		□ ТЕМ А	HERA		
next business day	* past 3 PM the TAT will begin next business day		☐ PCM	☐ Total Dust NIOSH 0500		☐ Silica FTIR (7602)		☐ TEM 7	402			
Please schedule rush tests in advance	in advance		PM10	☐ PCM-B Rules	☐ Resp. Dust NIOSH 0600				☐ Silica XRD (7500)			
			Parameter and a property of the second									
Mark to the North Control of the Control	用物色色或的	AND THE PARTY OF T							The Company of Association and Association Company of the Company			
Sample#	Da Samı		Time Sampled	Sample Identific (Employee, Bldg,Mater		Wipe Area	Tii Start	me <sup>2</sup> Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>	
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Sample #»	Samı	oled /	7.5					A TAX DESCRIPTION		A STATE OF STATE OF	Total Air <sup>4</sup>	
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1(	Samı	oled /	7.5					A TAX DESCRIPTION		A STATE OF STATE OF	Total Air <sup>4</sup>	
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1( )2 )3 )4 )5 (6 )7 (8	Samı	bled (19	7.5					A TAX DESCRIPTION		A STATE OF STATE OF	Total Air <sup>4</sup>	
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## SCHNEIDER LABORATORIES GLOBAL, INC.

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				State of			Total Control			
Submitting Co.		Manageme	ent Group	Collection	WI		Cert. Required	☐ YES ☐ NO		
1237 West Bruce St				Acct #	Acct # 5065 Phone		(414) 647-1530		30	
Milwaukee, WI 5320	)4			Email dean.jacobsen@kphenvironmenmtal.com						
Project Name				PO #				· · · · · · · · · · · · · · · · · · ·		
Project Location	Wisconsi	n		Special Insti	ructions:					
Project Number	19-400-0	37.3103-05								
Collected By		*** **********************************								
Turn Around	Ma	itrix	Tests/A	nalytes (	Select ALL th	at Apply) .Bl	ank spaces al	re for additio	nal analytes	
□ 2 Hour *	☐ Air		Asbestos in Bulk	Metal	s Total	TO	CLP	<b>N</b>	∕icrobiolog	gy
☐ Same day *	☐ Paint		■ PLM	☐ Lead		☐ Lead		□ BACT	(MPN/PA)	
☐ 1 business day	☐ Soil		☐ PLM Qualitative	☐ RCRA	8 Metals	☐ RCRA	8 Metals	☐ Mold I	Direct Exam	
☐ 2 business days	☐ Wipe		☐ 400 Point Count	☐ Chrom	nium VI	☐ Full To		☐ Allerge	ens	
☑ 3 business days	■ Bulk		☐ 1000 Point Count	☐ Mercu	ıry	(w/ organics 1	.0 Day)		ub-Contra	a <b>t</b>
☐ 5 business days	☐ Wast		☐ Gravimetric Prep					□ ТЕМ С	hatfield	
* not available for all tests  ** past 3 PM the TAT will begin		nd Water	Asbestos in Air	Service of the service of the	metric		laneous	☐ TEM A	HERA	
next business day		ing Water	□ РСМ	☐ Total I NIOSH		☐ Silica I	FTIR (7602)	☐ TEM 7		
Please schedule rush tests in advance	☐ TSP /	PM10	☐ PCM-B Rules	□ Resp. NIOSH	1 0600			☐ Silica )	XRD (7500)	
I——————				J		11 <sup>-</sup>		11		
	Date	Time	Sample Identific	ation	Wipe	Tii	me²	Flow	Rate <sup>3</sup>	
Sample#	Date Sampled	Time Sampled	Sample Identific (Employee, Bldg,Mater		Wipe Area	Tij Start	ne <sup>2</sup> Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
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<u>८।</u> २२	Sampled	The second second				and the second second second		Keep and the second	The Control of the Control	Total Air <sup>4</sup>
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21 22 23 24 25	Sampled	The second second				and the second second second		Keep and the second	The Control of the Control	Total Air <sup>4</sup>
21 23 23 24 25 26	Sampled	The second second				and the second second second		Keep and the second	The Control of the Control	Total Air <sup>4</sup>
21 23 23 24 25 26 27	Sampled	The second second				and the second second second		Keep and the second	The Control of the Control	Total Air <sup>4</sup>
21 23 23 24 25 26 27 28	Sampled	The second second				and the second second second		Keep and the second	The Control of the Control	Total Air <sup>4</sup>
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Submitting Go.	Harenda	Manageme	ent Group	State of Collection	WI		Cert.	☐ YES	□ NO	
1237 West Bruce S	treet			Acct #	5065		Required Phone		14) 647-15	30
Milwaukee, WI 5320	04			Email	dean.jacobsen@kphenvironmer		<u> </u>			
Project Name	-	<del></del>		PO#					· · · · · · · · · · · · · · · · · · ·	
Project Location	Wisconsi	n		Special Insti	ructions:					
Project Number	19-400-0	37.3103-05	5							
Collected By	-									
Turn Around	Ma	itrix	Tests/A	inalytes (	Select ALL th	at Apply) Bla	ank spaces a	re for additio	nal analytes	
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☐ Same day *	☐ Paint		■ PLM	☐ Lead		☐ Lead		□ BACT (	-	
☐ 1 business day	☐ Soil		☐ PLM Qualitative	□ RCRA	8 Metals	□ RCRA	8 Metals	☐ Mold [	Direct Exam	
☐ 2 business days	☐ Wipe		☐ 400 Point Count	☐ Chrom	nium VI	☐ Full To	CLP	☐ Allerge	ens	
☑ 3 business days	■ Bulk		☐ 1000 Point Count	☐ Mercu	iry	(w/ organics 1	0 Day)	S	ub-Contra	<b>ct</b>
□ 5 business days	☐ Wast	e Water	☐ Gravimetric Prep					□ ТЕМ С	hatfield	
* not available for all tests  ** past 3 PM the TAT will begin	]	nd Water	Asbestos in Air		metric	Miscel	laneous	□ТЕМА	HERA	
next business day		ing Water	□ PCM	☐ Total [ NIOSH		☐ Silica I	FTIR (7602)	☐ TEM 7	402	. *
Please schedule rush tests in advance	□ TSP / □	PM10	☐ PCM-B Rules	□ Resp. NIOSH	0600			☐ Silica X	(RD (7500)	
Sample #	Date Sampled	Time Sampled	Sample Identific		Wipe Area	Tir Start	ne² Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
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	1  11/19 				\$					
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32	1 <u> </u>  1   9									
32 33 34	1  1- 19									
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32 33 34 33 36	1  11   9									
32 33 34 33 36 31	1  1- 9									
32 33 34 33 36 31 38	1  11   9									
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32 33 34 33 36 31 38 39 41	A=Area, B=Bla	nk, P=Personal	the second of th	ure enough sam	7.1	Minute <sup>4</sup> Volu	ıme in Liters [tir	ne in min × flow		
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Submitting Co.	Laurana da NA		State of		· .	Cert.			
	-larenda Manageme	ent Group	Collection	WI		Required	☐ YES	NO NO	
1237 West Bruce Stre		· · ·	Acct#	5065		Phone	· · · · · · · · · · · · · · · · · · ·	14) 647-153	30
Milwaukee, WI 53204			Email	dean.jacob	sen@kphe	nvironmeni	mtal.com		······································
Project Name			PO#						
Project Location V	Wisconsin		Special Instr	uctions:					
Project Number 1	19-400-037.3103-05	<b>5</b>							
Collected By							: '		
Turn Around Time **	Matrix	Tests/A	malytes (	elect ALL th	at Apply) Bla	nk spaces ar	e for additio	nal analytes	
☐ 2 Hour *	□ Air	Asbestos in Bulk	Metal	s Total	TC	LP	N	licrobiolog	ÿ
☐ Same day *	☐ Paint	■ PLM	☐ Lead		☐ Lead		☐ BACT (	MPN/PA)	
☐ 1 business day	☐ Soil	☐ PLM Qualitative	☐ RCRA	8 Metals	☐ RCRA 8	8 Metals	☐ Mold [	Direct Exam	
☐ 2 business days	☐ Wipe	☐ 400 Point Count	☐ Chrom	ium VI	☐ Full TC	LP	☐ Allerge	ens	
☑ 3 business days	■ Bulk	☐ 1000 Point Count	☐ Mercu	ry	(w/ organics 10	) Day)	S	ub-Contra	a <b>t</b>
☐ 5 business days	☐ Waste Water	☐ Gravimetric Prep					□ ТЕМ С	hatfield	
not available for all tests	☐ Ground Water	Asbestos in Air		metric	Miscell	aneous	☐ TEM A	HERA	
** past 3 PM the TAT will begin next business day	☐ Drinking Water	☐ PCM	☐ Total [ NIOSH		☐ Silica F	TIR (7602)	☐ TEM 7	402	
Please schedule rush tests in advance	□ TSP / PM10	☐ PCM-B Rules	□ Resp. NIOSH	Dust 0600			□ Silica )	(RD (7500)	
'Sample#	Date Time Sampled Sampled	Sample Identifi (Employee, Bldg,Mate		Wipe Area	Tin Start	ne <sup>2</sup> Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
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46									
			· · · · · · · · · · · · · · · · · · · ·						
47	1 1	1.		•					
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५४	<b>V</b>								
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48 49									
48 49									
48 49 50	The second secon	queous and Solid samples en							
48 49 50	For A A=Area, B=Blank, P=Person  Ran CuSan	queous and Solid samples en	sure enough sai		/Minute <sup>4</sup> Vol		mę in min × flov	v in L/min]	

X. LEAD LABORATORY RESULTS

#### **Analysis Report**



## Schneider Laboratories Global, Inc

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Order #:

PO Number:

**Customer:** Harenda Management Group (5065)

Address: 1237 West Bruce Street

Milwaukee, WI 53204

Attn:

Project:

Location: Wisconsin

Number: 19-400-037.3103-05

 Matrix
 Paint

 Received
 07/19/19

 Analyzed
 07/22/19

326866

**Reported** 07/23/19

Sample ID Cust. Sample ID Sample Date Weight Location **Parameter** Method % / Wt. Conc. RL\* Total µg P1 326866-001 Wisconsin 07/17/19 315 mg EPA 7000B Lead 763 µg 0.242 % 2420 mg/kg 63.5 mg/kg Sample contains substrate which may affect the calculation of weight percent and mg/kg. 07/17/19

**326866-002** P2 Wisconsin 07/17/19 240 mg

Lead EPA 7000B 14.6 μg 0.00609 % 60.9 mg/kg 41.7 mg/kg

Analyst: DLJ

326866-07/23/19 02:56 PM

**Federal Lead Paint Statute** 

LocationClearanceUnitLead in paint by weight< 0.50</td>%Lead in paint as PPM< 5000</td>mg/kg

Reviewed By: Mary Katherine Smith
Analyst

Minimum reporting limit: 10.0  $\mu$ g. All internal QC parameters were met. Unusual sample conditions, if any, are described. Do not reproduce this report except in full. Values are reported to three significant figures. PPM = mg/kg | PPB =  $\mu$ g/kg. The test results reported relate only to the samples submitted. AIHA-LAP, LLC accredited for Lead (Lab ID 100527).



## SCHNEIDER LABORATORIES GLOBAL,

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V:\326\326866

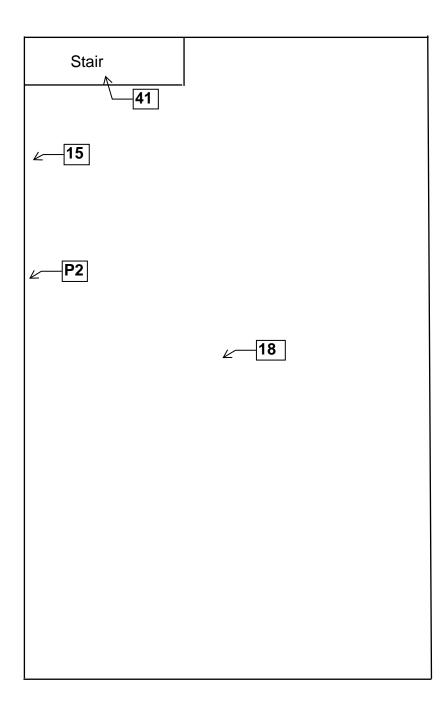
thawks UPS 7/19/2019 10:13:32 AM 1Z2E2899846 k231468

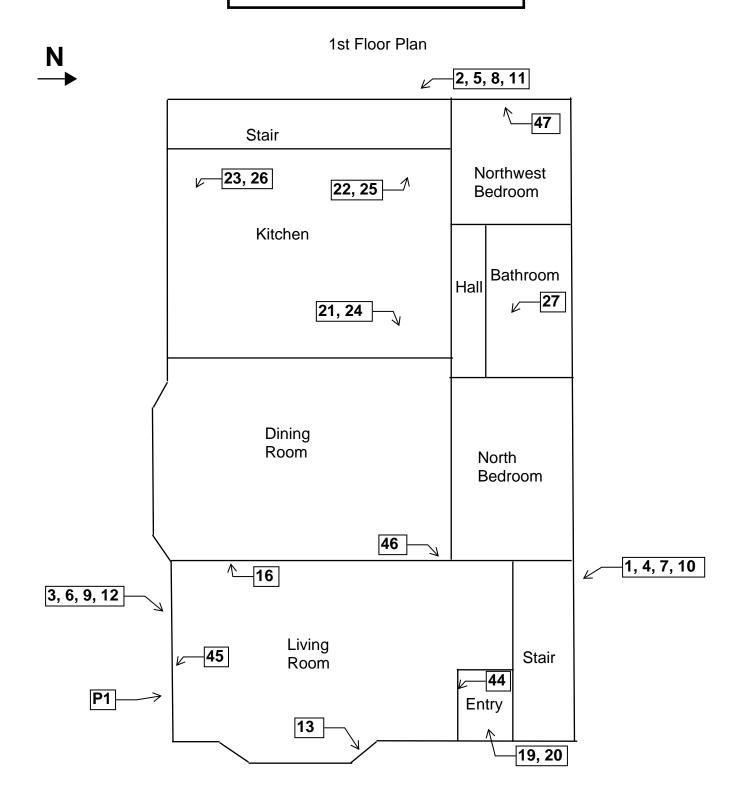
Submitting Co.	Harenda Manageme		State of Collection	WI		Cert. Required	☐ YES	□ NO	
1237 West Bruce St			Acct #	5065		Phone	(41	4) 647-153	0
Milwaukee, WI 5320			Email	dean.jacob	sen@kphe	environmenr	ntal.com		
Project Name			PO #						
Project Location	Wisconsin	Wisconsin		ructions:					-
Project Number	19-400-037.3103-05								ī
Collected By							_		
Turn Around	Matrix	Tests/A	nalytes (	Select-ALL tha	at Apply) Bl	ank spaces ar	e for addition	nal analytes	
Time ** □ 2 Hour *	☐ Air	Asbestos in Bulk	Metal	s Total	TC	CLP	M	licrobiolog	у
☐ Same day *	■ Paint	□ PLM	■ Lead	·	☐ Lead		☐ BACT (	MPN/PA)	
☐ 1 business day	☐ Soil	☐ PLM Qualitative	☐ RCRA	8 Metals	☐ RCRA	8 Metals	☐ Mold □	Direct Exam	
☐ 2 business days	☐ Wipe	☐ 400 Point Count	☐ Chron	nium VI	☐ Full TO		☐ Allerge		
☑ 3 business days	☐ Bulk	☐ 1000 Point Count	i.	ıry	(w/ organics 1	iO Day)		ub-Contrac	t
☐ 5 business days	☐ Waste Water	☐ Gravimetric Prep					☐ TEM CI		
* not available for all tests	☐ Ground Water	Asbestos in Air		metric		laneous	☐ TEM A		
** past 3 PM the TAT will begin next business day	☐ Drinking Water	☐ PCM		Dust 1 0500		FTIR (7602)	☐ TEM 7		
Please schedule rush tests in advance	☐ TSP / PM10	☐ . PCM-B.Rules	□ Resp. NIOSI	Dust 1 0600	. <u> </u>	and a second	L Silica X	(RD (7500).	
Sample#	Date Time Sampled Sampled	Sample Identific (Employee, Bldg,Mater		Wipe Area	Ti Start	me <sup>2</sup> Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
PI	7/17/9								
Pa	7								
		·							1
					,		i		
	For A	queous and Solid samples en	sure enough sa	mple is sent for	duplicate and	spike analysis			
<sup>1</sup> Type	e: A=Area, B=Blank, P=Persona		End of Sample		/Minute ⁴Vo	lume in Liters [t		w in L/min]	
Relinquished By:	Deen Jaws	Signature:	1		Dat	e/Time_7  {	5/19/1700	en og Skippingstof	
	LAU	SHADED FIELDS	NHIST RE	EULEDT	ο Δνοιδ	DELAYS	1		

## **XI. FLOOR PLANS**

## Basement Floor Plan

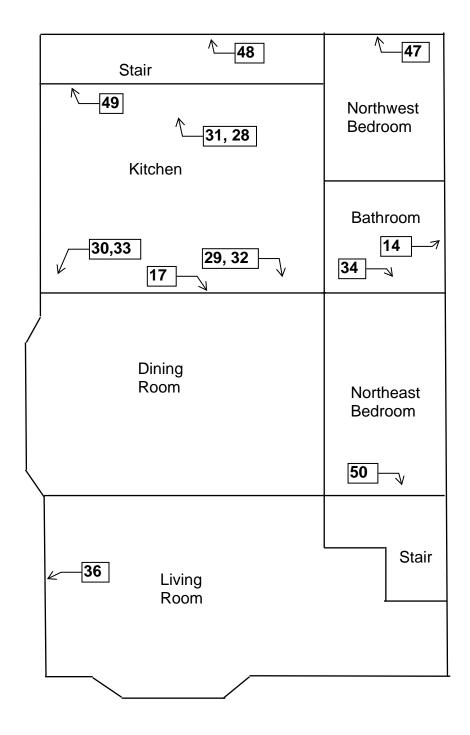






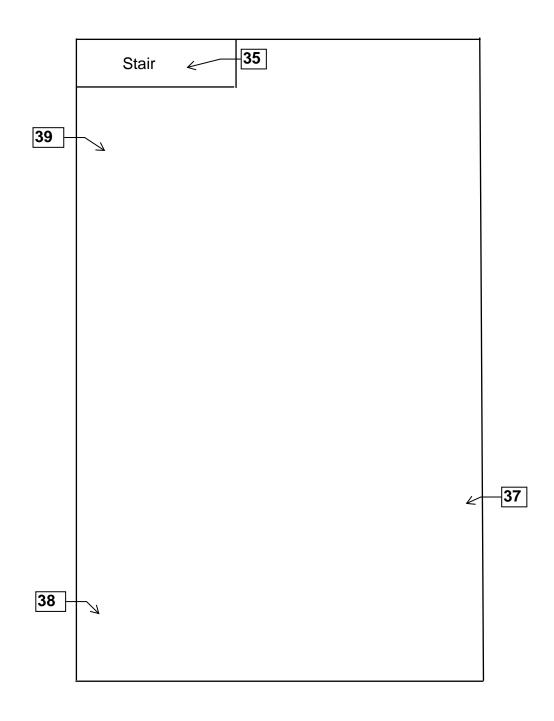
N

## 2nd Floor Plan





## Attic/Roof Floor Plan



## XII. HMG CERTIFICATION



This certifies that

## HARENDA MANAGEMENT GROUP

1237 W BRUCE ST MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

Asbestos Company - Primary

Certificate Issue Date: 06/23/2017

xpiration Date: 08/31/2019, 12:01 a.m.

Certification #: CAP-480540

Visconsin Department of Health Services

ivision of Public Health

ureau of Environmental and Occupational Health

sbestos & Lead Section

O Box 2659

Iadison WI 53701-2659

hone: (608) 261-6876





Shelley A Bruce, Unit Supervisor Scott Walker Governor

Linda Seemeyer Secretary August 27, 2018 State of Wisconsin
Department of Health Services

1 WEST WILSON STREET

P O BOX 2659 MADISON WI 53701-2659

Telephone: 608 266-1251 FAX: 608 267-2832 TTY: 888-701-1253 dhs.wisconsin.gov

JAZMIN K C SPEARS
1237 W BRUCE ST
MILWAUKEE WI 53204-1218

ID# AII-111055

Congratulations! Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

## Follow Wisconsin law by making sure that you:

- 1. Have your blue card with you when doing regulated work.
- 2. Work safely using the methods you learned in training.
- 3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing <a href="mailing-bhs-as-bestosLead@wi.gov">DHSAsbestosLead@wi.gov</a>, by using our Lead and Asbestos Online Certification website, <a href="mailing-www.dhs.wisconsin.gov/waldo">www.dhs.wisconsin.gov/waldo</a>, or by mailing a note to:

Lead and Asbestos Section 1 W. Wilson St., Room 137 P.O. Box 2659 Madison WI 53701-2659

- 4. Take refresher training well before the "Training due by" date printed on your blue card.
  - Asbestos-certified individuals must refresh in Wisconsin no earlier than 90 days before the due date to keep the same expiration date.
  - Find asbestos training providers at <a href="https://www.dhs.wisconsin.gov/asbestos">www.dhs.wisconsin.gov/asbestos</a>.

    o Lead-certified individuals can refresh up to 1 year before the due date.

Find lead training providers at www.dhs.wisconsin.gov/lead.

- 5. Apply to renew your card at least 1 month before the "Exp." date on your blue card.
- 6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at <a href="https://www.dhs.wisconsin.gov/lead">www.dhs.wisconsin.gov/lead</a> or <a href="https://www.dhs.wisconsin.gov/asbestos">www.dhs.wisconsin.gov/asbestos</a>.
- 7. Don't conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, y professional responsibility. Contact us if below and on the back of your blue card

The Lead and Asbestos Certification Prc (608) 261-6876

DHSAsbestosLead@wi.gov

www.dhs.wisconsin.gov/asbestos

www.dhs.wisconsin.gov/lead

ASBESTOS INSPECTOR

Issued By
STATE OF WISCONSIN
Dept. of Health Services
Jazmin K C Spears
1237 W Bruce St
Milwaukee WI 53204-1218

198 lbs 5' 08"

AII-111055 Exp: 08/10/2019 10/19/1974

Training due by: 08/10/2019





# DECONSTRUCTION INSPECTION REPORT Job Site:

One Family Rear Dwelling 3105 North 20<sup>th</sup> Street Milwaukee, Wisconsin

For:

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1<sup>st</sup> Floor
Milwaukee, Wisconsin 53202-3613

HMG Report No.: 18-400-024.3105R Inspector: Dean Jacobsen Contract No.: 360-18-0975

Prepared by:

#### HARENDA MANAGEMENT GROUP

1237 West Bruce Street Milwaukee, Wisconsin 53204 (414) 383-4800

August 2018

## Signature Page

Deconstruction Inspection Report
One Family Rear Dwelling
3105 North 20<sup>th</sup> Street
Milwaukee, Wisconsin

Dean Jacobsen

Asbestos Inspector No. AII – 14370

Expiration Date: 12/2/18 Harenda Management Group August 20, 2018

City of Milwaukee Department of Neighborhood Services Attn: Marge Piwaron 841 North Broadway 1<sup>st</sup> Floor Milwaukee, Wisconsin 53202-3613

RE: Deconstruction Inspection Report

3105 North 20th Street Rear Dwelling

Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection of the rear dwelling at 3105 North 20<sup>th</sup> Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP

Dean Jacobsen

Asbestos Inspector No. AII – 14370

#### **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection of the rear dwelling at 3105 North 20<sup>th</sup> Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in duct wrap and flue packing sampled during the inspection. Asbestos was assumed to be in the roof flashing. Results are in Section IV of this report.

Lead was detected in paint on the interior block basement walls and brick chimney. Results are in Section V of this report.

# TABLE OF CONTENTS Deconstruction Inspection Report

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#### I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the one family rear dwelling at 3105 North 20<sup>th</sup> Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has wood siding with asphalt roofing.

#### II. ASEBSTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

On July 6, 2018, HMG conducted an asbestos inspection and lead inspection of a one family rear dwelling, scheduled for deconstruction, located at 3105 North 20<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted and report written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

- 1. A visual determination as to the extent of suspect asbestos containing materials within the building.
- 2. Sampling and documentation of observable suspect asbestos containing materials.
- 3. Quantification of observable asbestos containing materials existing within the spaces.
- 4. Sampling of suspect lead painted masonry surfaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Tar paper
- Asphalt rolled roofing
- Asphalt roof shingles
- Plaster
- Ceiling tile
- Glazing compound
- Texture
- Floor tile
- Linoleum
- Drywall/joint compound
- Paper insulation
- Flue packing
- Duct wrap

- Roof flashing
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

#### III. ASEBSTOS LABORATORY

#### A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crodcidolite, anthophyllite, and actinolite,/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

#### IV. ASEBSTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – east wall under wood siding – tar paper	Negative	MPT
2	Exterior – south wall under wood siding – tar paper	Negative	MPT
3	Exterior – west wall under wood siding – tar paper	Negative	MPT
4	Roof – north side lower part – top layer – tan asphalt rolled	Negative	MRRt
	roofing		
5	Roof – north side lower part – 2 <sup>nd</sup> layer – tar paper #2	Negative	MPT2
6	Roof – north side lower part – 3 <sup>rd</sup> layer – red and brown	Negative	MRSrn
	asphalt shingle		
7	Roof – southeast top layer – red and brown asphalt shingle	Negative	MRSm
8	Roof – west top layer – red and brown asphalt shingle	Negative	MRSrn
9	Roof – north side lower part – 4 <sup>th</sup> layer – green asphalt	Negative	MRSg
	shingle		
10	Roof – southeast 3 <sup>rd</sup> layer – green asphalt shingle	Negative	MRSg
11	Roof – west 3 <sup>rd</sup> layer – green asphalt shingle	Negative	MRSg
12	Roof – north side lower part – 5 <sup>th</sup> layer – red asphalt shingle	Negative	MRSr

Sample #	Location and Description	Results	Homogeneous Code
13	Roof – southeast 4 <sup>th</sup> layer – red asphalt shingle	Negative	MRSr
14	Roof – west 4 <sup>th</sup> layer – red asphalt shingle	Negative	MRSr
15	Roof – southeast 2 <sup>nd</sup> layer – red and tan asphalt shingle	Negative	MRSrt
16	Roof – west 2 <sup>nd</sup> layer – red and tan asphalt shingle	Negative	MRSrt
17	Roof – east 2 <sup>nd</sup> layer – red and tan asphalt shingle	Negative	MRSrt
18a	1 <sup>st</sup> floor – dining room – east wall – plaster skim coat	Negative	SPl
18b	1 <sup>st</sup> floor – dining room – east wall – plaster base coat	Negative	SPI
19a	1 <sup>st</sup> floor – living room – north wall – plaster skim coat	Negative	SPI
19b	1 <sup>st</sup> floor – living room – north wall – plaster base coat	Negative	SPI
20	1 <sup>st</sup> floor – bedroom – ceiling – plaster	Negative	SPI
21a	1 <sup>st</sup> floor – kitchen – south wall – plaster skim coat	Negative	SPI
21b	1 <sup>st</sup> floor – kitchen – south wall – plaster base coat	Negative	SPI
22	1 <sup>st</sup> floor – stair – south wall – plaster	Negative	SPI
23	1 <sup>st</sup> floor – dining room – 1' x 1' ceiling tile	Negative	MSCT11
24	1 <sup>st</sup> floor – dining room – on east window – glazing	Negative	MPG
24	compound	regutive	IMI G
25	2 <sup>nd</sup> floor – west bedroom – on west window – glazing	Negative	MPG
23	compound	reguire	WII G
26	Basement – on south window – glazing compound	Negative	MPG
27	1 <sup>st</sup> floor – living room – south side on ceiling – texture	Negative	STX
28	1 <sup>st</sup> floor – living room – north side on ceiling – texture	Negative	STX
29	1 <sup>st</sup> floor – bedroom – on ceiling – texture	Negative	STX
30a	1 <sup>st</sup> floor – kitchen – east side top layer – 12" white and green	Negative	MF12wg
304	floor tile	regutive	WII 12 W 5
30b	1 <sup>st</sup> floor – kitchen – east side top layer – under 12" white and	Negative	MF12wg
300	green floor tile – tan mastic	reguire	1111 12 11 5
30c	1 <sup>st</sup> floor – kitchen – east side bottom layer – 12" cream floor	Negative	MF12c
300	tile	1 (oguil (o	1,11 120
30d	1 <sup>st</sup> floor – kitchen – east side bottom layer – under 12" cream	Negative	MF12c
	floor tile – yellow mastic	2.128.112	
31a	1 <sup>st</sup> floor – kitchen – west side top layer – 12" white and	Negative	MF12wg
	green floor tile	J	
31b	1 <sup>st</sup> floor – kitchen – west side bottom layer – 12" cream floor	Negative	MF12c
	tile	C	
32a	1 <sup>st</sup> floor – kitchen – north side top layer – 12" white and	Negative	MF12wg
	green floor tile	C	
32b	1 <sup>st</sup> floor – kitchen – north side top layer – under 12" white	Negative	MF12wg
	and green floor tile – tan mastic	C	
32c	1 <sup>st</sup> floor – kitchen – north side bottom layer – 12" cream	Negative	MF12c
	floor tile	-	
32d	1 <sup>st</sup> floor – kitchen – north side bottom layer – under 12"	Negative	MF12c
	cream floor tile – yellow mastic	-	
33	1 <sup>st</sup> floor – kitchen – on west wall under wood panel – beige	Negative	MPMe
	mastic		
34a	1 <sup>st</sup> floor – bathroom – gray and beige linoleum	Negative	MFLye
34b	1 <sup>st</sup> floor – bathroom – under gray and beige linoleum –	Negative	MFLye
	yellow mastic		
35	1 <sup>st</sup> floor – bathroom – on east wall under plastic panel – tan	Negative	MPMt
	mastic		
36a	1 <sup>st</sup> floor – pantry on counter – cream and gray linoleum	Negative	MFLcy
36b	1 <sup>st</sup> floor – pantry on counter – under cream and gray linoleum – yellow mastic	Negative	MFLey
	moleum – yenow masuc		

Sample #	Location and Description	Results	<b>Homogeneous Code</b>
37b	1 <sup>st</sup> floor – kitchen – patch on ceiling – drywall	Negative	MDW
38	2 <sup>nd</sup> floor – west bedroom – at door under carpet – yellow	Negative	MCMI
	mastic		
39a	2 <sup>nd</sup> floor – hall – west wall – joint compound #2	Negative	MDW2
39b	2 <sup>nd</sup> floor – hall – west wall – drywall #2	Negative	MDW2
40a	2 <sup>nd</sup> floor – west bedroom – ceiling – joint compound #2	Negative	MDW2
40b	2 <sup>nd</sup> floor – west bedroom – ceiling – drywall #2	Negative	MDW2
41a	2 <sup>nd</sup> floor – east bedroom – south wall – joint compound #2	Negative	MDW2
41b	2 <sup>nd</sup> floor – east bedroom – south wall – drywall #2	Negative	MDW2
42	Basement – on boot near chimney – duct wrap	Positive 60%	TDW
		Chrysotile	
43	Basement – on west side of chimney – gray flue packing	Positive 3%	TFPy
		Chrysotile	
44	Basement – on east side of chimney – white flue packing	Positive 3%	TFPw
		Chrysotile	

Three (3) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Duct Wrap	TDW	Basement on Center Boots	2 SF	Poor
Gray Flue Packing	TFPy	Basement on West Side of Chimney	2 SF	Poor
White Flue Packing	TFPw	Basement on East Side of Chimney	1 SF	Poor

#### **Assumed Asbestos Containing Materials**

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Roof Flashing	MRF	Roof at Chimney	3 SF	Fair

This material was not accessible at the time of the inspection.

Note #1: The ACMs listed above are friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that the these materials be abated prior to deconstruction.

**Note#2:** If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

**Note#3:** A copy of this report should be transmitted to the deconstruction contractor.

Note#4: Additional duct wrap may be within walls and ceilings.

#### **Homogeneous Material Codes**

SPl Plaster STX Texture

MPT Tar Paper Walls MPT2 Tar Paper Roof

MRRt Tan Asphalt Rolled Roofing MRSrn Red & Brown Asphalt Shingle

MRSg Green Asphalt Shingle
MRSr Red Asphalt Shingle
MRSrt Red & Tan Asphalt Shingle

MSCT11 1' x 1' Ceiling Tile MPG Glazing Compound

MF12wg 12" White & Green Floor Tile
MF12c 12" Cream Floor Tile
MPMa Raiga Wall Papel Magtic

MPMe Beige Wall Panel Mastic
MPMt Tan Wall Panel Mastic
MFLye Gray & Beige Linoleum
MFLcy Cream & Gray Linoleum

MCLKw White Caulk MCLKw2 White Caulk #2

MDW Drywall/Joint Compound 1<sup>st</sup> Floor MDW2 Drywall/Joint Compound 2<sup>nd</sup> Floor

MCMl Yellow Carpet Mastic TFPy Gray Flue Packing TFPw White Flue Packing

TDW Duct Wrap

#### V. LEAD PAINT INSPECTION

#### A. Methods

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling in the rear dwelling at 3105 North 20<sup>th</sup> Street, Milwaukee, Wisconsin, took place on July 6, 2018. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

#### **B.** Component Testing Results

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section X.

Interior: 3105 North 20th Street Rear Dwelling, Milwaukee, Wisconsin

• Painted masonry was observed on the interior basement block walls and brick chimney. Lead based paint was not detected.

Exterior: 3105 North 20th Street Rear Dwelling, Milwaukee, Wisconsin

• Painted masonry was not observed on the exterior.

The following are the laboratory results.

Site: 3105 North 20<sup>th</sup> Street Rear Dwelling, Milwaukee, Wisconsin Date: 7/6/18

Paint Testing Results					
Sample	Room	Component	Substrate	Color	Result (% Lead)
P1	Basement	Southwest Wall	Block	White	0.00614
P2	Basement	Chimney	Brick	White	0.359

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <a href="https://www.osha.gov/SLTC/lead/index.html">https://www.osha.gov/SLTC/lead/index.html</a> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

#### VI. EXCLUSIONS

Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

#### VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Quantem Laboratories for our asbestos and paint testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.

## VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

#### **ASBESTOS**

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.

#### **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

N/A	Air Conditioners (roof top, room, and central)
N/A	Dehumidifiers
N/A	Heat Pumps
N/A	Refrigerators, Freezers, Chillers
N/A	Vending Machines, Food Display Cases
N/A	Walk-in Coolers
N/A	Water Fountains (bubblers)
N/A	Fire Extinguishers (both portable and installed HALON suppression systems)
N/A	Water Coolers

#### **LEAD**

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

#### **MERCURY**

Products that may contain mercury:

#### LIGHTING

N/A Fluorescent Lights

N/A High Intensity Discharge

-Metal Halide

-High Pressure Sodium

-Mercury Vapor

N/A Neon

N/A Switches for lighting using mercury relays

-Look for any control associated with exterior or automated

lighting systems such as "Silent" wall switches.

#### **HVAC**

Check thermostats and any control associated with air handling units for switches containing mercury.

#### HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

1 Old Thermostats – Dining Room

<u>N/A</u> Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

#### BOILERS, FURNACES, HEATERS AND TANKS

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

<u>N/A</u> Space Heaters

	N/A	Load Meters and Supply Relays
	N/A	Phase Splitters
	N/A	Microwave Relays
	N/A	Mercury Displacement Relays
PCBs a	nd should be by "PCB Free".  N/A  N/A  N/A  N/A  N/A  N/A	s manufactured prior to 1987, it is safe to assume that they contain managed accordingly. Most equipment manufactured after this time The following is a list of areas in a building were PCBs may be  Transformers  Capacitors (appliances, electronic equipment)  Heat Transfer Equipment  Ballasts  Specialty Paints (such as for swimming pools or other industrial applications)  Sumps or Oil Traps (in maintenance and industrial facilities)
ОТНЕ	N/A  1  N/A  N/A	IMENTAL ISSUES  Hazardous Waste  Oil Tanks – Basement  Well Abandonment  Junk Auto Tires
	<u>N/A</u>	Junk Vehicles

**ELECTRICAL SYSTEMS – 1 Electric Meter in Basement** 

## IX. ASBESTOS LABORATORY RESULTS



#### Polarized Light Microscopy Asbestos Analysis Report

Project: DNS

QuanTEM Lab No. 296459 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen
1237 West Bruce St.
Date Received: 07/09/2018 Milwaukee, WI 53204

Received By: Katie Davis
Date Analyzed: 07/16/2018

Analyzed By: Cassie Sanborn Project Location: Milwaukee, WI

Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3105R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	1	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar
002	2	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar
003	3	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar
004	4	Homogeneous	Gray Roofing	Asbestos Not Present	Glass Fiber 2	25	Tar Sand
005	5	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar
006	6	Homogeneous	Brown Roofing	Asbestos Not Present	Glass Fiber 2	25	Tar Sand
007	7	Homogeneous	Red Roofing	Asbestos Not Present	Cellulose 3	30	Tar Sand

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

#### Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 296459 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen
1237 West Bruce St.

Date Received: 07/09/2018 Milwaukee, WI 53204
Received By: Katie Davis

Date Analyzed: 07/16/2018 Project: DNS

Analyzed By: Cassie Sanborn Project Location: Milwaukee, WI Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3105R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Homogeneous	Green Roofing	Asbestos Not Present	Cellulose 30	Tar Sand
009	9	Homogeneous	Green Roofing	Asbestos Not Present	Cellulose 30	Tar Sand
010	10	Homogeneous	Green Roofing	Asbestos Not Present	Cellulose 30	Tar Sand
011	11	Homogeneous	Green Roofing	Asbestos Not Present	Cellulose 30	Tar Sand
012	12	Homogeneous	Brown Roofing	Asbestos Not Present	Cellulose 30	Tar Sand
013	13	Homogeneous	Brown Roofing	Asbestos Not Present	Cellulose 30	Tar Sand

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

#### Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 296459 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen
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Received By: Katie Davis

Date Analyzed: 07/16/2018 Project: DNS

Analyzed By: Cassie Sanborn Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3105R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014	14	Homogeneous	Brown Roofing	Asbestos Not Present	Cellulose 30	Tar Sand
015	15	Homogeneous	Brown Roofing	Asbestos Not Present	Cellulose 30	Tar Sand
016	16	Homogeneous	Red Roofing	Asbestos Not Present	Cellulose 30	Tar Sand
017	17	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	) Tar
018	18	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
018a		Layered	Gray Plaster	Asbestos Not Present	Cellulose <	
019	19	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



economical transfer and an experience of the control of the

#### Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 296459 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen
1237 West Bruce St.
Date Received: 07/09/2018 Milwaukee, WI 53204

Received By: Katie Davis Milwauke

Date Analyzed: 07/16/2018 Project: DNS

Analyzed By: Cassie Sanborn Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3105R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
019a		Layered	Gray Plaster	Asbestos Not Present		1 CaCO3 3 Gypsum Sand
020	20	Homogeneous	Gray Plaster	Asbestos Not Present		1 CaCO3 1 Gypsum Sand
021	21	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
021a		Layered	Gray Plaster	Asbestos Not Present		1 CaCO3 2 Gypsum Sand
022	22	Homogeneous	Gray Plaster	Asbestos Not Present		1 CaCO3 2 Gypsum Sand
023	23	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 8	0 Perlite Paint

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



#### Polarized Light Microscopy Asbestos Analysis Report

Client: Harenda Management Group QuanTEM Lab No. 296459

Dean Jacobsen Account Number: B929 1237 West Bruce St. Date Received: 07/09/2018 Milwaukee, WI 53204

Katie Davis Received By: 07/16/2018

Date Analyzed:

Project: DNS Analyzed By: Cassie Sanborn Project Location: Milwaukee, WI

EPA/600/R-93/116 Project Number: 18-400-024.3105R Methodology:

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
024	24	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
025	25	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
026	26	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
027	27	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
028	28	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
029	29	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

### Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 296459 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen 1237 West Bruce St.
Date Received: 07/09/2018 Milwaukee, WI 53204

Received By: Katie Davis

Date Analyzed: 07/16/2018 Project: DNS

Analyzed By: Cassie Sanborn Project Location: Milwaukee, WI Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3105R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
030	30	Layered	Green Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
030a		Layered	Tan Mastic	Asbestos Not Present	NA	CaCO3 Glue
030ь		Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 10	CaCO3 Vinyl
030с		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
031	31	Layered	Green Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
031a		Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 10	CaCO3 Vinyl
032	32	Layered	Green Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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QuanTEM Lab No. 296459 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen
1237 West Bruce St.
Data Paccipal: 07/00/2018

Date Received: 07/09/2018 Milwaukee, WI 53204
Received By: Katie Davis

Date Analyzed: 07/16/2018 Project: DNS

Analyzed By: Cassie Sanborn Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3105R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
032a		Layered	Tan Mastic	Asbestos Not Present	NA	CaCO3 Glue
032b		Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 10	O CaCO3 Vinyl
032c		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
033	33	Homogeneous	Brown Mastic	Asbestos Not Present	NA	CaCO3 Glue Paint
034	34	Layered	Beige Sheet Vinyl	Asbestos Not Present	Cellulose 10 Glass Fiber 5	O CaCO3 S Vinyl
034a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

QuanTEM is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



Project: DNS

Client: Harenda Management Group QuanTEM Lab No. 296459

Dean Jacobsen Account Number: B929 1237 West Bruce St. Date Received: 07/09/2018 Milwaukee, WI 53204

Katie Davis Received By: Date Analyzed:

07/16/2018

Analyzed By: Cassie Sanborn Project Location: Milwaukee, WI

EPA/600/R-93/116 Project Number: 18-400-024.3105R Methodology:

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
035	35	Layered	Yellow Mastic	Asbestos Not Present	NA	CaCO3 Glue
036	36	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 10 Glass Fiber 5	
036a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
037	37	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
037a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
038	38	Homogeneous	Yellow Mastic	Asbestos Not Present	NA	Glue
039	39	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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QuanTEM Lab No. 296459 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen
1237 West Bruce St.

Date Received: 07/09/2018 Milwaukee, WI 53204
Received By: Katie Davis

Date Analyzed: 07/16/2018 Project: DNS

Analyzed By: Cassie Sanborn Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3105R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
039a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
040	40	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
040a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
041	41	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
041a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
042	42	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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QuanTEM Lab No. 296459 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen
1237 West Bruce St.
Date Received: 07/09/2018 Milwaukee, WI 53204

Received By: Katie Davis

Date Analyzed: 07/16/2018 Project: DNS

Analyzed Pro

Coscio Sorborn

Project Location: Milyandro V

Analyzed By: Cassie Sanborn Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3105R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)		Non-Asbestos Fiber (%)	Non Fibrous
043	43	Homogeneous	Gray Surfacing	Asbestos Present Chrysotile	3	NA	CaCO3 Sand Binder
044	44	Homogeneous	Gray Surfacing	Asbestos Present Chrysotile	3	NA	CaCO3 Sand Binder

Cassie Sanborn, Analyst

Cassie Sanborn, Analyst

Date of Report



# **ASBESTOS CHAIN OF CUSTODY**

For Lab Use Only

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

	www.Qı	uanTE	M.c	om	LEG/	AL D	OCUMENT	- PLEASE PR	INT	LEGI	BLY			Accept Reject
		C	onta	ct Information					F	Proje	ct Information		Report Results (☑ one box)	
Comp	any: Harenda Mana	ageme	ent G	Group	Phone:	ne: (414) 383-4800 Project Name:		DNS			QuanTEM Website			
Conta	ct: Dean Jacobsen				Cell Phone:	Cell Phone: Project		Project Location:	roject Location: Milwaukee, WI				Other email	
Accou	int#: B929				E-mail: djace	obsen(	@harenda.com	Project ID: 1	8-40	0-02	4.3105R			
SAM	PLED BY: Name:				Date:			P.O. Number:						
	RELINQU	ISHED	BY		DATE &	TIME		VIA			RECEIVE	D BY		DATE & TIME
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	1000 Point Count		ш			Air- ISO 10312			3.2	st- Presence / Absence			24 - Hour	
	Gravimetric Preparation			PCM			Drinking Wate			Dus	st- Quantitative [fibers/	sq.cm]- ASTM D5755		3 - Day
H.	Particle ID			NIOSH 7400			Waste Water- I	EPA 600/4-83-043		Oth	ner		٥	5 - Day
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# **ASBESTOS CHAIN OF CUSTODY**

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For Lab Use Only
Lab No. Accept Reject

# **LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

Proje	ect Information					
Compa	ny: Harenda Mana	agement Gro	oup	Project Name: DNS	Project Location: Mi	lwaukee, WI
No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	U	Ķ				
12	اک					
13	13					
14	14					-:-
15	15					
16	16					
17	(7					
18	18					1
19	19					
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21	2(		*			
22	22	Ф				
23	23					
24	24	Щ			*	
25	25					
26	76	Ф				
27	27					
28	28	Ф				
29	29					
30	30	M				



# **ASBESTOS CHAIN OF CUSTODY**

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

For Lab Use Only
Lab No. 29 U + 59
Accept Reject

# **LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

Proje	ect Information							
Compa	ny: Harenda Mana	agement Gr	oup	Project Name: DNS	Proj	Project Location: Milwaukee, WI		
No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume (as appli		Comments / Notes	
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37	37		-	~				
38	38							
39	39			6				
40	40			- T-				
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43	43							
44	44	<u> </u>						
45								
46								
47								
48								
49								
50					=1			

# X. LEAD LABORATORY RESULTS



# Environmental Chemistry Analysis Report

QuanTEM Set ID: 296421

**Date Received:** 

07/09/18

Received By:

Travis Miller

**Date Sampled:** 

Time Sampled:

Analyst:

RD

Date of Report:

07/16/18

AIHA ID: 101352

Client: Harenda Management Group

Dean Jacobsen

1237 West Bruce St.

Milwaukee, WI 53204

B929 Acct. No.:

**Project:** 

**Location:** 

DNS

Milwaukee, WI

**Project No.:** 18-400-024.3105R

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P1	Paint	Lead	0.00614	0.00498	%	07/13/18 16:09	P EPA 7000B (1)
002	P2	Paint	Lead	0.359	0.00496	%	07/16/18 11:13	P EPA 7000B (1)

**Authorized Signature:** 

Cherry Rossen, Technical Manager

Note: Sample results have not been corrected for blank values.

This report applies only to the standards or procedures indicated and to the specific samples tested. It is not indicative of the qualities of apparently identical or similar products or procedures, nor does it represent an ongoing assurance program unless so noted. These reports are for the exclusive use of the client and are not to be reproduced without specific written permission. QuanTEM is not responsible for user-supplied data used in calculations.

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified



## **LEAD CHAIN OF CUSTODY**

Pa

1 of \_\_\_\_\_

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

Fi	or Lab Use	Only	
Lab No.	2964.	21	_
	Accept	Reject	

# www.QuanTEM.com

# **LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

Company: Harenda Management Group Phone: (414) 3		
Frompany Figigitia Managoritorit Group	83-4800 Project Name: DNS	QuanTEM Website
Contact: Dean Jacobsen Cell Phone:	Project Location: Milwaukee, WI	Other email
Account #: B929 E-mail: djacobsen	@harenda.com	

RELTINQUISHED BY	DATE & TIME VIA	RECEIVED BY	DATE & TIME
anden	7/6/8 100 Felex	1. M. 18.7.9 9.50	

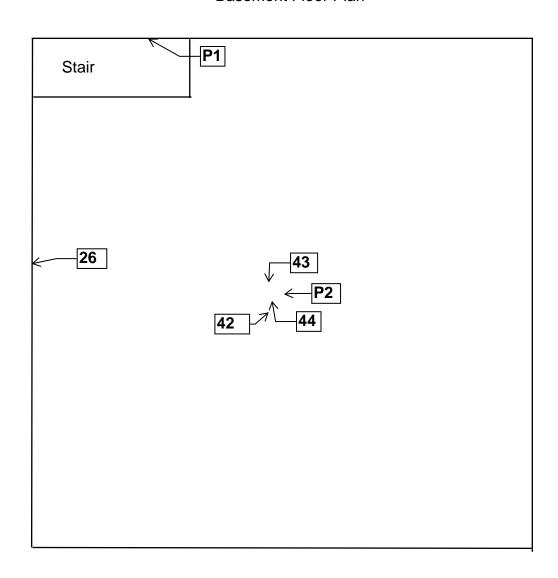
# REQUESTED SERVICES (Please $\square$ the Appropriate Boxes)

				0.00	trix box)	Α	Analysis Units (☐ ONE box only)			Sample Matrix Codes					
No.	Sample ID	Sample Description	Volume	Volume Area	Sample Matrix (see matrix code box)							m_	m <sub>2</sub>	Α	Soil
	(10 Characters Max)		(Liters)	(Length x Width)	Sample (see matrix o			≥	Wt %	mg/I	µg /ft²	µg/m³	mg/cm <sup>2</sup>	В	Paint Chips
					Sa	유		Mdd	× K	ıω	6rl	рц	Ε̈́	С	Surface / Dust Wipes
1	Pl				B	Ķ			X					D	Bulk Miscellaneous
2	P2				1	+			1					E	Air Cassette
3	100														
4										<u> </u>					
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7										ļ			-	- Constant	
8							<u> </u>							TU	RNAROUND TIME
9									ļ						Same Day
10															24 - Hour
11															3 - Day
12															5 - Day

# **XI. FLOOR PLANS**

Basement Floor Plan

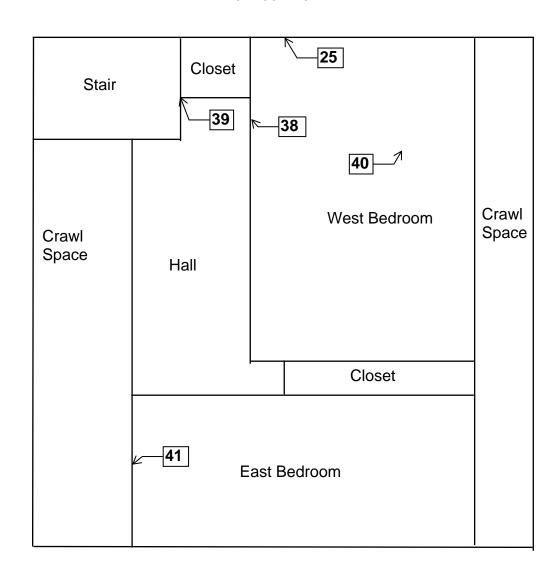




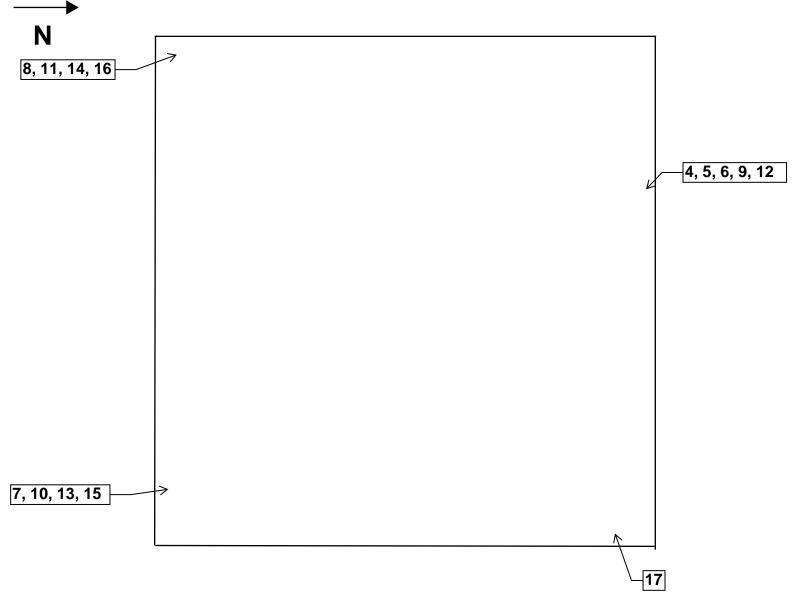
1st Floor Plan 3 N **Pantry** Stair 22 36 Bath 33 **~\_31** 34 32 35 37 Kitchen 21 Bedroom 29 2 20 30 19 Dining Room 28 Living Room 23 **-27** 24 18 1

2nd Floor Plan









# XII. HMG CERTIFICATION



This certifies that

# HARENDA MANAGEMENT GROUP

1237 W BRUCE ST MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

Asbestos Company - Primary

Certificate Issue Date: 06/23/2017

xpiration Date: 08/31/2019, 12:01 a.m.

Certification #: CAP-480540

Visconsin Department of Health Services

ivision of Public Health

ureau of Environmental and Occupational Health

sbestos & Lead Section

O Box 2659

Iadison WI 53701-2659

hone: (608) 261-6876





Shelley A Bruce, Unit Supervisor Scott Walker Governor

Linda Seemeyer Secretary December 15, 2017



1 WEST WILSON STREET

P O BOX 2659 MADISON WI 53701-2659

Telephone: 608 266-1251 FAX: 608 267-2832 TTY: 888-701-1253 dhs.wisconsin.gov

DEAN T JACOBSEN W131S6781 KIPLING DR MUSKEGO WI 53150-3401

ID# AII-14370

Congratulations! Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

### Follow Wisconsin law by making sure that you:

- 1. Have your blue card with you when doing regulated work.
- 2. Work safely using the methods you learned in training.
- 3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing <u>DHSAsbestosLead@wi.gov</u>, by using our Lead and Asbestos Online Certification website, <u>www.dhs.wisconsin.gov/waldo</u>, or by mailing a note to:

Lead and Asbestos Section 1 W. Wilson St., Room 137 P.O. Box 2659 Madison WI 53701-2659

- 4. Take refresher training well before the "Training due by" date printed on your blue card.
  - Asbestos-certified individuals must refresh in Wisconsin no earlier than 90 days before the due date to keep the same expiration date.
    - Find asbestos training providers at <a href="https://www.dhs.wisconsin.gov/asbestos">www.dhs.wisconsin.gov/asbestos</a>.
  - Lead-certified individuals can refresh up to 1 year before the due date.
     Find lead training providers at <u>www.dhs.wisconsin.gov/lead</u>.
- 5. Apply to renew your card at least 1 month before the "Exp." date on your blue card.
- 6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at <a href="https://www.dhs.wisconsin.gov/lead">www.dhs.wisconsin.gov/lead</a> or <a href="https://www.dhs.wisconsin.gov/asbestos">www.dhs.wisconsin.gov/asbestos</a>.
- 7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you proprofessional responsibility. Contact us if you have below and on the back of your blue card.

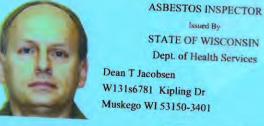
The Lead and Asbestos Certification Program (608) 261-6876

<u>DHSAsbestosLead@wi.gov</u>

<u>www.dhs.wisconsin.gov/asbestos</u>

www.dhs.wisconsin.gov/lead

COPY



160 lbs	5' 08"
12/12/1963	Male

Training due by: 12/02/2018



# **DECONSTRUCTION INSPECTION REPORT Job Site:**

Two Family Dwelling 3245 North 25<sup>th</sup> Street Milwaukee, Wisconsin

For:

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1<sup>st</sup> Floor
Milwaukee, Wisconsin 53202-3613

HMG Report No.: 18-400-024.3245 Inspector: Dean Jacobsen Contract No.: 360-18-0975

Prepared by:

### HARENDA MANAGEMENT GROUP

1237 West Bruce Street Milwaukee, Wisconsin 53204 (414) 383-4800

August 2018

# Signature Page

Deconstruction Inspection Report
Two Family Dwelling
3245 North 25<sup>th</sup> Street
Milwaukee, Wisconsin

Dean Jacobsen

Asbestos Inspector No. AII – 14370

Expiration Date: 12/2/18 Harenda Management Group August 22, 2018

City of Milwaukee Department of Neighborhood Services Attn: Marge Piwaron 841 North Broadway 1<sup>st</sup> Floor Milwaukee, Wisconsin 53202-3613

RE: Deconstruction Inspection Report 2737-39 North 17<sup>th</sup> Street

Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 3245 North 25<sup>th</sup> Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP

Dean Jacobsen

Asbestos Inspector No. AII - 14370

### **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 3245 North 25<sup>th</sup> Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in exterior caulk and duct wrap sampled during the inspection. Asbestos was assumed to be in the roof flashing. Results are in Section IV of this report.

Lead was detected in paint on the exterior brick basement walls and columns, and interior basement brick walls and chimney. Results are in Section V of this report.

# TABLE OF CONTENTS Deconstruction Inspection Report

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### I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling at 3245 North 25<sup>th</sup> Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has asphalt, fiberboard, and wood siding with asphalt roofing.

### II. ASEBSTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

On August 20, 2018, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 3245 North 25<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted and report written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

- 1. A visual determination as to the extent of suspect asbestos containing materials within the building.
- 2. Sampling and documentation of observable suspect asbestos containing materials.
- 3. Quantification of observable asbestos containing materials existing within the spaces.
- 4. Sampling of suspect lead painted masonry surfaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Asphalt shingle siding
- Fiberboard
- Tar paper
- Blown in insulation
- Caulk
- Stucco
- Floor tile
- Plaster
- Texture
- Drywall/joint compound
- Duct wrap
- Paper insulation
- Window glazing compound

- Linoleum
- Asphalt rolled roofing
- Asphalt roof shingles
- Flue packing
- Roof flashing
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

### III. ASEBSTOS LABORATORY

### A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crodcidolite, anthophyllite, and actinolite,/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

### IV. ASEBSTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – east wall – brown asphalt shingle siding	Negative	MSSn
2	Exterior – south wall – brown asphalt shingle siding	Negative	MSSn
3	Exterior – north wall – brown asphalt shingle siding	Negative	MSSn
4	Exterior – east wall – under brown asphalt shingle siding – tan asphalt shingle siding	Negative	MSSt
5	Exterior – south wall – under brown asphalt shingle siding – tan asphalt shingle siding	Negative	MSSt
6	Exterior – north wall – under brown asphalt shingle siding – tan asphalt shingle siding	Negative	MSSt
7	Exterior – east wall – under tan asphalt shingle siding – tan fiberboard	Negative	MFBt

Sample #	Location and Description	Results	Homogeneous Code	
8	Exterior – south wall – under tan asphalt shingle siding – tan fiberboard	Negative	MFBt	
9	Exterior – north wall – under tan asphalt shingle siding – tan fiberboard	Negative	MFBt	
10	Exterior – east wall – under wood siding – tar paper	Negative	MPT	
11	Exterior – south wall – under wood siding – tar paper	Negative	MPT	
12	Exterior – north wall – under wood siding – tar paper	Negative	MPT	
13	Exterior – in east wall – blown in insulation	Negative	MBI	
14	Exterior – in south wall – blown in insulation	Negative	MBI	
15	Exterior – in west wall – blown in insulation	Negative	MBI	
16	Exterior – on south center wall – tan flue packing	Negative	TFP	
17	Exterior – around south window – black caulk	Positive 20%	MCLKk	
1,	Exterior around south window black cause	Chrysotile	WELK	
18	Exterior – around west window – black caulk	Positive 20% Chrysotile	MCLKk	
19	Exterior – around north window – black caulk	Positive 20%	MCLKk	
1)	Exterior – around north window – black caulk	Chrysotile	WICLIK	
20	Basement – on exterior north wall – stucco	Negative	STC	
21	1 <sup>st</sup> floor – front entry – 12" yellow floor tile	Negative	MF121	
22a	1 <sup>st</sup> floor – front entry – east wall – plaster skim coat	Negative	SPI	
22b	1 <sup>st</sup> floor – front entry – east wall – plaster base coat	Negative	SPI	
23a	1 <sup>st</sup> floor – east bedroom – north wall – plaster skim coat	Negative	SPI	
23a 23b	1 <sup>st</sup> floor – east bedroom – north wall – plaster base coat	Negative	SPI	
24a	1 <sup>st</sup> floor – west bedroom – east wall – plaster skim coat	Negative	SPI	
24a 24b	1 <sup>st</sup> floor – west bedroom – east wall – plaster skill coat	Negative	SPI	
25a	2 <sup>nd</sup> floor – dining room – south wall – plaster skim coat	Negative	SPI	
25b	2 <sup>nd</sup> floor – dining room – south wall – plaster base coat	Negative	SPI	
250 26a	2 nooi – diffing room – south wan – plaster base coat  2 <sup>nd</sup> floor – east bedroom – west wall – plaster skim coat	Negative	SPI	
26b	2 <sup>nd</sup> floor – east bedroom – west wall – plaster base coat	Negative	SPI	
27a	2 <sup>nd</sup> floor – kitchen – south wall – plaster skim coat	Negative	SPI	
27a 27b	2 <sup>nd</sup> floor – kitchen – south wall – plaster base coat	Negative	SPI	
28a	2 <sup>nd</sup> floor – west bedroom – east wall – plaster skim coat	Negative	SPI	
28b	2 <sup>nd</sup> floor – west bedroom – east wall – plaster base coat	Negative	SPI	
			STX	
29 30	1 <sup>st</sup> floor – front entry – on east wall – texture  1 <sup>st</sup> floor – dining room – on ceiling – texture	Negative Negative	STX	
31		Negative		
32	1st floor – living room – on ceiling – texture		STX	
33	1 <sup>st</sup> floor – east bedroom – on ceiling – texture 2 <sup>nd</sup> floor – bathroom – on ceiling – texture	Negative	STX STX	
	-	Negative		
34a 34b	1 <sup>st</sup> floor front entry ceiling joint compound	Negative Negative	MDW	
34b 35a	1 <sup>st</sup> floor – front entry – ceiling – drywall 1 <sup>st</sup> floor – west bedroom – north wall– joint compound	Negative Negative	MDW MDW	
35a 35b	1st floor – west bedroom – north wall – Joint compound 1st floor – west bedroom – north wall – drywall			
35b 36a	2 <sup>nd</sup> floor – living room – south wall – joint compound	Negative Negative	MDW MDW	
36b	2 nooi – nving room – south wali – joht compound  2 <sup>nd</sup> floor – living room – south wall – drywall	Negative	MDW	
37	1st floor – dining room – on west wall duct – duct wrap	Positive 60%	TDW	
37		Chrysotile	IDW	
38	2 <sup>nd</sup> floor – east bedroom – on south wall duct – duct wrap	Positive 60% Chrysotile	TDW	
39	Basement – on southwest return	Positive 60%	TDW	
		Chrysotile		
40	1 <sup>st</sup> floor – dining room – under wood floor – paper insulation	Negative	MPI	
41	1 <sup>st</sup> floor – west bedroom – under wood floor – paper	Negative	MPI	
	insulation	Ü		

Sample #	Location and Description	Results	Homogeneous Code		
42	2 <sup>nd</sup> floor – dining room – under wood floor – paper	Negative	MPI		
	insulation				
43	1 <sup>st</sup> floor – dining room – on south window – glazing	Negative	MPG		
	compound				
44	2 <sup>nd</sup> floor – east bedroom – on north window – glazing	Negative	MPG		
4.5	compound	3.T	MDC		
45	Attic – east room – on east window – glazing compound	Negative	MPG		
46a	1 <sup>st</sup> floor – kitchen top layer – 12" tan and pink floor tile	Negative	MF12tp		
46b	1 <sup>st</sup> floor – kitchen 2 <sup>nd</sup> layer – gold and yellow linoleum	Negative	MFLdl		
47a	1 <sup>st</sup> floor – pantry top layer – 12" tan and pink floor tile	Negative	MF12tp		
47b	1 <sup>st</sup> floor – pantry 2 <sup>nd</sup> layer – gold and yellow linoleum	Negative	MFLdl		
48a	1 <sup>st</sup> floor – bathroom top layer – 12" tan and pink floor tile	Negative	MF12tp		
48b	1st floor – bathroom 2 <sup>nd</sup> layer – gold and yellow linoleum	Negative	MFLdl		
48c	1st floor – bathroom 2 <sup>nd</sup> layer – under gold and yellow	Negative	MFLdl		
40	linoleum – yellow mastic	3.1	ME12		
49a	1 <sup>st</sup> floor – kitchen south 4 <sup>th</sup> layer – 12" white and pink floor tile	Negative	MF12wp		
49b	1 <sup>st</sup> floor – kitchen south 5 <sup>th</sup> layer – 12" gold and tan floor tile	Negative	MF12dt		
490 49c	1 <sup>st</sup> floor – kitchen south 5 <sup>th</sup> layer – under 12" gold and tan	Negative	MF12dt		
430	floor tile – yellow mastic	riegative	IVII 12Ut		
49d	1 <sup>st</sup> floor – kitchen south bottom layer – tar paper #2	Negative	MPT2		
49d 49e	1 st floor – kitchen south bottom layer – under tar paper #2	Negative	MPT2		
490	brown mastic	riegative	IVII 12		
50a	1 <sup>st</sup> floor – kitchen north 4 <sup>th</sup> layer – 12" white and pink floor	Negative	MF12wp		
30a	tile	riegative	WII 12 wp		
50b	1 <sup>st</sup> floor – kitchen north 5 <sup>th</sup> layer – 12" gold and tan floor tile	Negative	MF12dt		
50c	1 <sup>st</sup> floor – kitchen north 5 <sup>th</sup> layer – under 12" gold and tan	Negative	MF12dt		
300	floor tile – yellow mastic	regative	IVII 12ut		
50d	1 <sup>st</sup> floor – kitchen north bottom layer – tar paper #2	Negative	MPT2		
50e	1 <sup>st</sup> floor – kitchen north bottom layer – under tar paper #2 –	Negative	MPT2		
300	brown mastic	reguire	1411 12		
51a	1 <sup>st</sup> floor – pantry 4 <sup>th</sup> layer – 12" white and pink floor tile	Negative	MF12wp		
51b	1 <sup>st</sup> floor – pantry 5 <sup>th</sup> layer – 12" gold and tan floor tile	Negative	MF12dt		
51c	1 <sup>st</sup> floor – pantry 5 <sup>th</sup> layer – under 12" gold and tan floor tile	Negative	MF12dt		
0.10	- yellow mastic	1,08001,0	11111241		
51d	1 <sup>st</sup> floor – pantry bottom layer – tar paper #2	Negative	MPT2		
51e	1 <sup>st</sup> floor – pantry bottom layer – under tar paper #2 – brown	Negative	MPT2		
	mastic				
52a	1 <sup>st</sup> floor – bathroom 4 <sup>th</sup> layer – white linoleum	Negative	MFLw		
52b	1 <sup>st</sup> floor – bathroom 4 <sup>th</sup> layer – under white linoleum –	Negative	MFLw		
	brown mastic	C			
53	1 <sup>st</sup> floor – bathroom – on north wall under plastic panel – tan	Negative	MPMt		
	mastic	C			
54	1 <sup>st</sup> floor – bathroom – on north wall under plastic tile – beige	Negative	MWMe		
	mastic				
55a	1 <sup>st</sup> floor – rear stair landing – top layer – 12" tan and gray	Negative	MF12ty		
	floor tile				
55b	1 <sup>st</sup> floor – rear stair landing – 2 <sup>nd</sup> layer – 12" tan floor tile	Negative	MF12t		
55c	1 <sup>st</sup> floor – rear stair landing – 3 <sup>rd</sup> layer – 12" beige and white	Negative	MF12ew		
	floor tile				
56	1 <sup>st</sup> floor – rear stair landing – bottom layer – 12" gold and	Negative	MF12dn		
	brown floor tile				
57	2 <sup>nd</sup> floor – front porch top layer – tar paper #3	Negative	MPT3		

Sample #	Location and Description	Results	Homogeneous Code		
58	2 <sup>nd</sup> floor – front porch bottom layer – tar paper #4	Negative	MPT4		
59	2 <sup>nd</sup> floor – front porch – on east edge – gray asphalt rolled	Negative	MRRy		
	roofing	E			
60	2 <sup>nd</sup> floor – east bedroom – under carpet – 12" beige floor tile	Negative	MF12e		
61a	2 <sup>nd</sup> floor – kitchen top layer – tan and beige linoleum	Negative	MFLte		
61b	2 <sup>nd</sup> floor – kitchen top layer – under tan and beige linoleum –	Negative	MFLte		
	yellow mastic	C			
62a	2 <sup>nd</sup> floor – pantry top layer – tan and beige linoleum	Negative	MFLte		
62b	2 <sup>nd</sup> floor – pantry top layer – under tan and beige linoleum –	Negative	MFLte		
	yellow mastic	-			
63a	2 <sup>nd</sup> floor – bathroom top layer – tan and beige linoleum	Negative	MFLte		
63b	2 <sup>nd</sup> floor – bathroom top layer – under tan and beige	Negative	MFLte		
	linoleum – yellow mastic	C			
64a	linoleum – yellow mastic  2 <sup>nd</sup> floor – bathroom 3 <sup>rd</sup> layer – 12" gray floor tile	Negative	MF12y		
64b	2 <sup>nd</sup> floor – bathroom 3 <sup>rd</sup> layer – under 12" gray floor tile –	Negative	MF12y		
	yellow mastic	C			
65a	2 <sup>nd</sup> floor – bathroom 4 <sup>th</sup> layer – tar paper #5	Negative	MPT5		
65b	2 <sup>nd</sup> floor – bathroom 4 <sup>th</sup> layer – under tar paper #5 – yellow	Negative	MPT5		
	mastic	Ç			
66	2 <sup>nd</sup> floor – kitchen center 3 <sup>rd</sup> layer – 12" tan and cream floor	Negative	MF12tc		
	tile	-			
67	2 <sup>nd</sup> floor – kitchen east 3 <sup>rd</sup> layer – 12" tan and cream floor	Negative	MF12tc		
	tile	-			
68	2 <sup>nd</sup> floor – pantry 3 <sup>rd</sup> layer – 12" tan and cream floor tile 2 <sup>nd</sup> floor – kitchen center 4 <sup>th</sup> layer – 12" brown floor tile	Negative	MF12tc		
69	2 <sup>nd</sup> floor – kitchen center 4 <sup>th</sup> layer – 12" brown floor tile	Negative	MF12n		
70	2 <sup>nd</sup> floor – kitchen east 4 <sup>th</sup> layer – 12" brown floor tile	Negative	MF12n		
71	2 <sup>nd</sup> floor – kitchen northwest 4 <sup>th</sup> layer – 12" brown floor tile	Negative	MF12n		
72	2 <sup>nd</sup> floor – pantry 4 <sup>th</sup> layer – 12" white floor tile	Negative	MF12w		
73	2 <sup>nd</sup> floor – bathroom – on north wall under plastic panel –	Negative	MPM1		
	yellow mastic	C			
74	2 <sup>nd</sup> floor – west bedroom under carpet – 12" cream floor tile	Negative	MF12c		
75	Attic – east room – north wall – fiberboard #2	Negative	MFB2		
76	Attic – east room – east wall – fiberboard #2	Negative	MFB2		
77a	Attic – east room – ceiling – joint compound	Negative	MFB2		
77b	Attic – east room – ceiling – fiberboard #2	Negative	MFB2		
78	Attic – closet – gray and tan linoleum	Negative	MFLyt		
79	Roof – southwest top layer – red and gray asphalt shingle	Negative	MRSry		
80	Roof – northwest top layer – red and gray asphalt shingle	Negative	MRSry		
81	Roof – northeast top layer – red and gray asphalt shingle	Negative	MRSry		
82	Roof – southwest 2 <sup>nd</sup> layer – red asphalt shingle	Negative	MRSr		
83	Roof – northwest 2 <sup>nd</sup> layer – red asphalt shingle	Negative	MRSr		
84	Roof – southeast 2 <sup>nd</sup> layer – red asphalt shingle	Negative	MRSr		
85	Roof – southwest 3 <sup>rd</sup> layer – black asphalt shingle	Negative	MRSk		
86	Roof – northwest 3 <sup>rd</sup> layer – black asphalt shingle	Negative	MRSk		
87	Roof – southeast 3 <sup>rd</sup> layer – black asphalt shingle	Negative	MRSk		
88	Basement – on east side of chimney – gray flue packing	Negative	TFPy		
89a	Basement – on south side of chimney – dark gray flue	Negative	TFPydark		
574	packing top layer	1.0841110	111 Jaura		
89b	Basement – on south side of chimney – dark gray flue	Negative	TFPydark		
370	packing bottom layer	1.0841110	111 / 4411		
90	Basement – on north side of chimney – light gray flue	Negative	TFPylight		
70	packing	1,0541110	111 1118111		
91	Basement – on south center wall – black flue packing	Negative	TFPk		

Sample #	Location and Description	Results	Homogeneous Code
92	2 <sup>nd</sup> floor – living room – under carpet – yellow mastic	Negative	MCM

Two (2) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous	Location	Approximate	Condition
	Code		Quantity	
Black Caulk	MCLKk	Exterior Around Windows & Doors on	28 Windows & 3	Poor
		Asphalt Siding	Doors	
Duct Wrap	TDW	1 <sup>st</sup> & 2 <sup>nd</sup> Floor Rooms on Ducts Behind	230 SF	Poor
		Vents & in Walls, Basement on North		
		& South Side Returns & on Boots,		
		Floor Debris Basement Northwest &		
		Northeast		

### **Assumed Asbestos Containing Materials**

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Roof Flashing	MRF	Roof at Chimney	4 SF	Fair

This material was not accessible at the time of the inspection.

Note #1: The ACMs listed above are friable, category I non friable, and category II non friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that the these materials be abated prior to deconstruction.

**Note#2:** If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

**Note#3:** A copy of this report should be transmitted to the deconstruction contractor.

Note#4: Additional duct wrap may be within walls and ceilings.

### **Homogeneous Material Codes**

0		
	SPl	Plaster
	STC	Stucco
	STX	Texture
	MSSn	Brown Asphalt Shingle Siding
	MSSt	Tan Asphalt Shingle Siding
	MFBt	Tan Fiberboard Exterior
	MFB2	Fiberboard Attic
	MPT	Tar Paper Walls
	MPT2	Tar Paper 1 <sup>st</sup> Floor
	MPT3	Tar Paper Porch
	MPT4	Tar Paper Porch
	MPT5	Tar Paper 2 <sup>nd</sup> Floor
	MBI	Blown in Insulation
	MCLKk	Black Caulk
	MF121	12" Yellow Floor Tile

### **Homogeneous Material Codes**

12" Tan & Pink Floor Tile MF12tp MF12wp 12" White & Pink Floor Tile MF12dt 12" Gold & Tan Floor Tile 12" Tan & Gray Floor Tile MF12ty 12" Tan Floor Tile MF12t 12" Beige & White Floor Tile MF12ew MF12dn 12" Gold & Brown Floor Tile 12" Gray Floor Tile MF12y 12" Tan & Cream Floor Tile MF12tc MF12n 12" Brown Floor Tile 12" White Floor Tile MF12w MF12c 12" Cream Floor Tile MPI Paper Insulation MPG Glazing Compound MFLdl Gold & Yellow Linoleum MFLw White Linoleum MFLte Tan & Beige Linoleum **MFLyt** Gray & Tan Linoleum **MPMt** Tan Wall Panel Mastic **MPM1** Yellow Wall Panel Mastic Beige Wall Tile Mastic MWMe MRRy Gray Asphalt Rolled Roofing Red & Gray Asphalt Shingle **MRSry** Red Asphalt Shingle MRSr MRSk Black Asphalt Shingle Carpet mastic **MCM TDW Duct Wrap TFPt** Tan Flue Packing **TFPy Gray Flue Packing TFPydark** Dark Gray Flue Packing **TFPylight** Light Flue Packing

Black Flue Packing

### V. LEAD PAINT INSPECTION

### A. Methods

**TFPk** 

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 3245 North 25<sup>th</sup> Street, Milwaukee, Wisconsin, took place on August 20, 2018. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from

painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

### **B.** Component Testing Results

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section X.

Interior: 3245 North 25th Street, Milwaukee, Wisconsin

• Painted masonry was not observed on the interior.

Exterior: 3245 North 25th Street, Milwaukee, Wisconsin

• Painted masonry was observed on the exterior basement brick walls. Lead based paint was not detected.

The following are the laboratory results.

Site: 3245 North 25<sup>th</sup> Street, Milwaukee, Wisconsin Date: 8/20/18

	Paint Testing Results									
Sample	Room	Component Substrate		Color	Result (% Lead)					
P1	Exterior	East Column	Brick	White	0.0205					
P2	Exterior	South Wall	Brick	Tan	0.0297					
P3	Basement	Southwest Wall	Brick	White	0.0767					
P4	Basement	Southwest Wall	Brick	Blue	0.0801					
P5	Basement	Chimney	Brick	Light Gray	1.28					

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <a href="https://www.osha.gov/SLTC/lead/index.html">https://www.osha.gov/SLTC/lead/index.html</a> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

### VI. EXCLUSIONS

Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

### VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Quantem Laboratories for our asbestos and paint testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.

# VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

### **ASBESTOS**

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.

### **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

N/A	Air Conditioners (roof top, room, and central)
N/A	Dehumidifiers
N/A	Heat Pumps
N/A	Refrigerators, Freezers, Chillers
N/A	Vending Machines, Food Display Cases
N/A	Walk-in Coolers
N/A	Water Fountains (bubblers)
N/A	Fire Extinguishers (both portable and installed HALON suppression systems)
N/A	Water Coolers

### **LEAD**

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

### **MERCURY**

Products that may contain mercury:

### LIGHTING

N/A Fluorescent Lights

N/A High Intensity Discharge

-Metal Halide

-High Pressure Sodium

-Mercury Vapor

Neon Neon

N/A Switches for lighting using mercury relays

-Look for any control associated with exterior or automated

lighting systems such as "Silent" wall switches.

### **HVAC**

Check thermostats and any control associated with air handling units for switches containing mercury.

### HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

### BOILERS, FURNACES, HEATERS AND TANKS

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

<u>N/A</u> Space Heaters

	N/A	Load Meters and Supply Relays
	N/A	Phase Splitters
	N/A	Microwave Relays
	N/A	Mercury Displacement Relays
PCBs a	and should be	manufactured prior to 1987, it is safe to assume that they contain managed accordingly. Most equipment manufactured after this time. The following is a list of areas in a building were PCBs may be
iouiia.	N/A	Transformers
	N/A	Capacitors (appliances, electronic equipment)
	N/A	Heat Transfer Equipment
	N/A	Ballasts
	N/A	Specialty Paints (such as for swimming pools or other industrial
	N/A	applications) Sumps or Oil Traps (in maintenance and industrial facilities)
ОТНЕ	R ENVIRON	MENTAL ISSUES
	N/A	Hazardous Waste
	1	Oil Tanks – Basement
	N/A	Well Abandonment
	2	Junk Auto Tires – Front Porch
	N/A	Junk Vehicles

ELECTRICAL SYSTEMS – 2 Breaker Boxes in Basement

## IX. ASBESTOS LABORATORY RESULTS



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## Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 298264 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen
1237 West Bruce St.
Date Received: 08/21/2018 Milwaukee, WI 53204

Received By: Travis Miller

Date Analyzed: 08/22/2018 Project: DNS

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3245

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Brown Siding	Asbestos Not Present	Cellulose 60	Tar Sand
002	2	Homogeneous	Brown Siding	Asbestos Not Present	Cellulose 60	Tar Sand
003	3	Homogeneous	Brown Siding	Asbestos Not Present	Cellulose 60	Tar Sand
004	4	Homogeneous	Brown Roofing	Asbestos Not Present	Cellulose 40	Tar Sand
005	5	Homogeneous	Brown Roofing	Asbestos Not Present	Cellulose 40	Tar Sand
006	6	Homogeneous	Brown Roofing	Asbestos Not Present	Cellulose 40	Tar Sand
007	7	Homogeneous	Tan Wallboard	Asbestos Not Present	Cellulose 90	) Tar

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



2000 HERITAGE TARK DR, OKCAHOTA CITT, OK 75120

## Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 298264 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen 1237 West Bruce St.

Date Received: 08/21/2018 Milwaukee, WI 53204
Received By: Travis Miller

Received By: Travis Miller

Date Analyzed: 08/22/2018 Project: DNS

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3245

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Homogeneous	Tan Wallboard	Asbestos Not Present	Cellulose 90	Tar
009	9	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
010	10	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
011	11	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
012	12	Homogeneous	Tan Wallboard	Asbestos Not Present	Cellulose 90	Tar
013	13	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

## Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 298264 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen 1237 West Bruce St.

Date Received: 08/21/2018 Milwaukee, WI 53204
Received By: Travis Miller

Date Analyzed: 08/22/2018 Project: DNS

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3245

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014	14	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
015	15	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
016	16	Homogeneous	Gray Grout	Asbestos Not Present	NA	CaCO3 Sand
017	17	Homogeneous	Black Tar	Asbestos Present Chrysotile 20	NA	Tar
018	18	Homogeneous	Black Tar	Asbestos Present Chrysotile 20	NA	Tar
019	19	Homogeneous	Black Tar	Asbestos Present Chrysotile 20	NA	Tar
020	20	Homogeneous	Gray Concrete	Asbestos Not Present	NA	CaCO3 Sand

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

## Polarized Light Microscopy Asbestos Analysis Report

Client: Harenda Management Group QuanTEM Lab No. 298264

Dean Jacobsen B929 Account Number: 1237 West Bruce St.

Date Received: 08/21/2018 Milwaukee, WI 53204 Travis Miller Received By:

Date Analyzed: 08/22/2018 Project: DNS

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI Project Number: 18-400-024.3245 Methodology: EPA/600/R-93/116

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
021	21	Homogeneous	Beige Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
022	22	Layered	Gray Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
022a		Layered	Gray Plaster	Asbestos Not Present	Cellulose <1	CaCO3 Sand Gypsum
023	23	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
023a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand Gypsum
024	24	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



QuanTEM Lab No. 298264 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen
1237 West Bruce St.
Date Received: 08/21/2018 Milwaukee, WI 53204

Received By: Travis Miller

Date Analyzed: 08/22/2018 Project: DNS

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3245

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
024a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand Gypsum
025	25	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
025a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand Gypsum
026	26	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
026a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand Gypsum
027	27	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



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## Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 298264 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen 1237 West Bruce St.

Date Received: 08/21/2018 Milwaukee, WI 53204
Received By: Travis Miller

Date Analyzed: 08/22/2018 Project: DNS

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3245

QuanTEM Client Color / Non-Asbestos Non Fibrous Fiber (%) Sample ID Sample ID Composition Description Asbestos (%) 027a CaCO3 Layered Asbestos Not Present Hair Gray <1 Sand Plaster Gypsum 028 White Asbestos Not Present NA CaCO3 28 Layered Sand Skim Coat Paint 028a Asbestos Not Present CaCO3 Layered Gray Hair <1 Sand Plaster Gypsum 029 29 White NA CaCO3 Homogeneous Asbestos Not Present Paint Texture 030 30 White Asbestos Not Present NA CaCO3 Homogeneous Paint Texture 31 CaCO3 031 Homogeneous White Asbestos Not Present NA Paint Texture

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



QuanTEM Lab No. 298264 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen
1237 West Bruce St.
Date Received: 08/21/2018 Milwaukee, WI 53204

Received By: Travis Miller

Date Analyzed: 08/22/2018 Project: DNS

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3245

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
032	32	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
033	33	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
034	34	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
034a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	) Gypsum
035	35	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
035a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	) Gypsum
036	36	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



QuanTEM Lab No. 298264 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen
1237 West Bruce St.

Date Received: 08/21/2018 Milwaukee, WI 53204
Received By: Travis Miller

Date Analyzed: 08/22/2018 Project: DNS

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3245

QuanTEM Client Color / Non-Asbestos Non Fibrous Sample ID Sample ID Composition Description Asbestos (%) Fiber (%) 036a White Asbestos Not Present Gypsum Layered Cellulose 20 Sheetrock 037 37 Homogeneous Gray Asbestos Present Cellulose 30 Binder Chrysotile 60 Insulation 038 Asbestos Present Cellulose 30 Binder 38 Homogeneous Gray Chrysotile 60 Insulation 039 39 Homogeneous Gray Asbestos Present Cellulose 30 Binder Chrysotile 60 Insulation Asbestos Not Present Cellulose 100 040 40 Homogeneous Tan Paper 041 41 Tan Asbestos Not Present Cellulose 100 Homogeneous Paper

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



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## Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 298264 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen 1237 West Bruce St.

Date Received: 08/21/2018 Milwaukee, WI 53204
Received By: Travis Miller

Date Analyzed: 08/22/2018 Project: DNS

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3245

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
042	42	Homogeneous	Gray Paper	Asbestos Not Present	Cellulose 100	
043	43	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3 Binder
044	44	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3 Binder
045	45	Homogeneous	Gray Window Glazing	Asbestos Not Present	NA	CaCO3 Binder
046	46	Layered	Beige Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
046a		Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 10 Synthetic 10	CaCO3 Vinyl
047	47	Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



QuanTEM Lab No. 298264 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen 1237 West Bruce St.

Date Received: 08/21/2018 Milwaukee, WI 53204
Received By: Travis Miller

Date Analyzed: 08/22/2018 Project: DNS

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3245

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrou
047a		Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 10 Synthetic 10	
048	48	Layered	Pink Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
048a		Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 10 Synthetic 10	
048b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
049	49	Layered	White Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
049a		Layered	Yellow Linoleum	Asbestos Not Present	Cellulose 3:	5 CaCO3 Vinyl Tar

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

## Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 298264 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen
1237 West Bruce St.
Date Received: 08/21/2018 Milwaukee WI 53204

Date Received: 08/21/2018 Milwaukee, WI 53204
Received By: Travis Miller

Date Analyzed: 08/22/2018 Project: DNS
Analyzed By: Dee Ammerman Project Location: Milwaukee, WI

Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3245

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
049b		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
049c		Layered	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
049d		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
050	50	Layered	White Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
050a		Layered	Yellow Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
050b		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
050c		Layered	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



QuanTEM Lab No. 298264 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen 1237 West Bruce St.

Date Received: 08/21/2018 Milwaukee, WI 53204
Received By: Travis Miller

Date Analyzed: 08/22/2018 Project: DNS

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3245

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
050d		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
051	51	Layered	White Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
051a		Layered	Yellow Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
051b		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
051c		Layered	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
051d		Layered	Brown Mastic	Asbestos Not Present	NA	Glue

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



QuanTEM Lab No. 298264 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen
1237 West Bruce St.

Date Received: 08/21/2018 Milwaukee, WI 53204
Received By: Travis Miller

Date Analyzed: 08/22/2018 Project: DNS

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3245

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
052	52	Layered	White Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
052a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
053	53	Homogeneous	Beige Mastic	Asbestos Not Present	NA	CaCO3 Glue
054	54	Homogeneous	Tan Putty	Asbestos Not Present	NA	CaCO3 Binder
055	55	Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
055a		Layered	Cream Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
055b		Layered	Off White Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



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## Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 298264 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen 1237 West Bruce St.

Date Received: 08/21/2018 Milwaukee, WI 53204
Received By: Travis Miller

Date Analyzed: 08/22/2018 Project: DNS

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3245

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
056	56	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA		CaCO3 Vinyl
057	57	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose Glass Fiber	20 20	Tar
058	58	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar
059	59	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber	35	Tar Sand
060	60	Homogeneous	Cream Floor Tile	Asbestos Not Present	NA		CaCO3 Vinyl
061	61	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose	20	CaCO3 Vinyl

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



QuanTEM Lab No. 298264 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen 1237 West Bruce St.

Date Received: 08/21/2018 Milwaukee, WI 53204
Received By: Travis Miller

Date Analyzed: 08/22/2018 Project: DNS

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3245

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
061a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
062	62	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
062a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
063	63	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
063a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
064	64	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
064a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



QuanTEM Lab No. 298264 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen
1237 West Bruce St.

Date Received: 08/21/2018 Milwaukee, WI 53204
Received By: Travis Miller

Date Analyzed: 08/22/2018 Project: DNS

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3245

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
065	65	Layered	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
065a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue CaCO3
066	66	Homogeneous	Cream Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
067	67	Homogeneous	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
068	68	Homogeneous	Cream Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
069	69	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

## Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 298264 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen
1237 West Bruce St.
Date Received: 08/21/2018 Milwaukee, WI 53204

Received By: Travis Miller

Date Analyzed: 08/22/2018 Project: DNS

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3245

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
070	70	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
071	71	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
072	72	Homogeneous	White Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
073	73	Homogeneous	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3
074	74	Homogeneous	Cream Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
075	75	Homogeneous	Green Ceiling Tile	Asbestos Not Present	Cellulose 9	00 Paint
076	76	Homogeneous	Green Ceiling Tile	Asbestos Not Present	Cellulose 9	00 Paint

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 1.800.822.1650

## Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 298264 Client: Harenda Management Group

Dean Jacobsen Account Number: B929 1237 West Bruce St.

Date Received: 08/21/2018 Milwaukee, WI 53204 Received By: Travis Miller

Date Analyzed: 08/22/2018 Project: DNS

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3245

QuanTEM Client Color / Non-Asbestos Non Fibrous Fiber (%) Sample ID Sample ID Composition Description Asbestos (%) 077 77 White NA Paint Asbestos Not Present Layered CaCO3 Coating Mica 077a Tan Asbestos Not Present Cellulose 100 Layered Ceiling Tile 078 78 CaCO3 Layered Brown Asbestos Not Present Cellulose 35 Vinyl Linoleum Tar 078a Layered Brown Asbestos Not Present NA Glue Mastic 079 79 Homogeneous Red Asbestos Not Present Glass Fiber Tar Sand Shingle 080 80 Homogeneous Red Asbestos Not Present Glass Fiber 35 Tar Sand Shingle

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



Client: Harenda Management Group QuanTEM Lab No. 298264

Dean Jacobsen B929 Account Number: 1237 West Bruce St. Date Received: 08/21/2018 Milwaukee, WI 53204

Received By: Travis Miller Date Analyzed: 08/22/2018 Project: DNS

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI

Methodology: Project Number: 18-400-024.3245 EPA/600/R-93/116

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
081	81	Homogeneous	Red Shingle	Asbestos Not Present	Glass Fiber	35	Tar Sand
082	82	Homogeneous	Red Shingle	Asbestos Not Present	Cellulose	50	Tar Sand
083	83	Homogeneous	Red Shingle	Asbestos Not Present	Cellulose	50	Tar Sand
084	84	Homogeneous	Red Shingle	Asbestos Not Present	Cellulose	50	Tar Sand
085	85	Homogeneous	Black Shingle	Asbestos Not Present	Cellulose	50	Tar Sand
086	86	Homogeneous	Black Shingle	Asbestos Not Present	Cellulose	50	Tar Sand
087	87	Homogeneous	Black Shingle	Asbestos Not Present	Cellulose	50	Tar Sand

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



QuanTEM Lab No. 298264 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen 1237 West Bruce St.

Date Received: 08/21/2018 Milwaukee, WI 53204
Received By: Travis Miller

Date Analyzed: 08/22/2018 Project: DNS

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3245

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
088	88	Homogeneous	Gray Insulation	Asbestos Not Present	Wollastonite 30	Gypsum Binder
089	89	Layered	Gray Insulation	Asbestos Not Present	Wollastonite 30	Gypsum Binder
089a		Layered	Tan Insulation	Asbestos Not Present	Cellulose 5 Glass Fiber 35	
090	90	Homogeneous	Gray Concrete	Asbestos Not Present	NA	CaCO3 Sand
091	91	Homogeneous	Gray Concrete	Asbestos Not Present	NA	CaCO3 Sand
092	92	Homogeneous	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



QuanTEM Lab No. 298264 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen
1237 West Bruce St.
Date Received: 08/21/2018 Milwaukee, WI 53204

Date Received: 08/21/2018 MilReceived By: Travis Miller

Date Analyzed: 08/22/2018 Project: DNS

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI Methodology: EPA/600/R-93/116 Project Number: 18-400-024.3245

QuanTEM Client Color / Non-Asbestos Non Fibrous

Sample ID Sample ID Composition Description Asbestos (%) Fiber (%)

DE € H-- 8/22/2018

Dee Ammerman, Analyst Date of Report



2033 Heritage Park Drive, Oklahoma City, OK 73120-7502 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

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	Contact Information				Project	Project Information	Rep	Report Results (🗹 one box)	স্থ
Company: Harenda Management Group	ent Group	Phone: (414)	383-4800	Project Name:	DNS		<b>&gt;</b>	QuanTEM Website	
Contact: Dean Jacobsen		Cell Phone:	<u>.</u>	Project Location:	Project Location: Milwaukee, WI	M		Other email	ı
Account #: B929		E-mail: djacobsen@	@harenda.com	Project ID:	18-400-024.3245	3245			
SAMPLED BY: Name:		Date:		P.O. Number:					
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400 Point Count	[ EPA 600/R-04/004)		Air-NIOSH 7402			Bulk-Quantitative [weight%]-Chatfield	2	Same Day	
1000 Point Count	Onlei		Air- ISO 10312	· ·	J-tsnQ	Dust- Presence / Absence	Market fried with the contract of the contract	124-Hour	
Gravimetric Preparation	PCM		Drinking Water- EPA 100.2	PA 100.2	Dust- (	Dust- Quantitative [fibers/sq.cm]- ASTM D5755	D5755	3 - Day	
Particle ID	NIOSH 7400		Waste Water- EPA 600/4-83-043	600/4-83-043	Other			5 - Day	
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SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"



2033 Heritage Park Drive, Oklahoma City, OK 73120-7502 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

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For Lab Use Only
Lab No. 274264
Accept Reject

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Ø Page 3 of

Reject For Lab Use Only Lab No. 258264 Accept

Project I	Project Information			
Сотрапу:	company: Harenda Management Group	gement (	Group	Project Name: DNS Project Location: Milwaukee, WI
No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description Volume / Area Comments / Notes (as applicable)
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## X. LEAD LABORATORY RESULTS



## Environmental Chemistry Analysis Report

QuanTEM Set ID: 298244

08/21/18

**Date Received:** Received By: Travis Miller

**Date Sampled:** 

Time Sampled:

Analyst: CR

Date of Report: 08/22/18

AIHA ID: 101352

Client: Harenda Management Group

Dean Jacobsen

1237 West Bruce St.

Milwaukee, WI 53204

B929 Acct. No.:

**Project:** DNS

**Location:** Milwaukee, WI

**Project No.:** 18-400-024.3245

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P1	Paint	Lead	0.0205	0.00499	%	08/22/18 11:07	P EPA 7000B (1)
002	P2	Paint	Lead	0.0297	0.00494	%	08/22/18 11:07	P EPA 7000B (1)
003	P3	Paint	Lead	0.0767	0.00493	%	08/22/18 11:07	P EPA 7000B (1)
004	P4	Paint	Lead	0.0801	0.00495	%	08/22/18 11:07	P EPA 7000B (1)
005	P5	Paint	Lead	1.28	0.00494	%	08/22/18 11:07	P EPA 7000B (1)

**Authorized Signature:** 

Cherry Rossen, Technical Manager

Note: Sample results have not been corrected for blank values.

This report applies only to the standards or procedures indicated and to the specific samples tested. It is not indicative of the qualities of apparently identical or similar products or procedures, nor does it represent an ongoing assurance program unless so noted. These reports are for the exclusive use of the client and are not to be reproduced without specific written permission. QuanTEM is not responsible for user-supplied data used in calculations.

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified

EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified



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## **LEAD CHAIN OF CUSTODY**

Page 1 of \_\_\_\_\_\_

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3 - Day

5 - Day

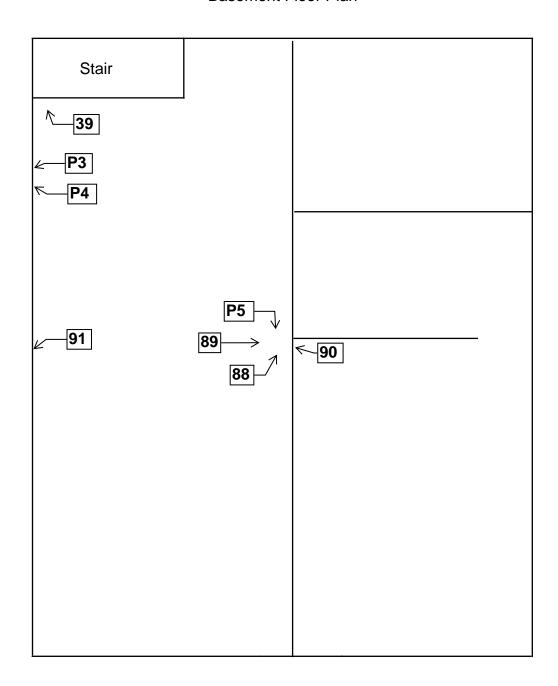
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Accour	t#: B929		E-mail: €	djacobsen@harenda.com	Project ID: 18-400-024.3245										
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## XI. FLOOR PLANS

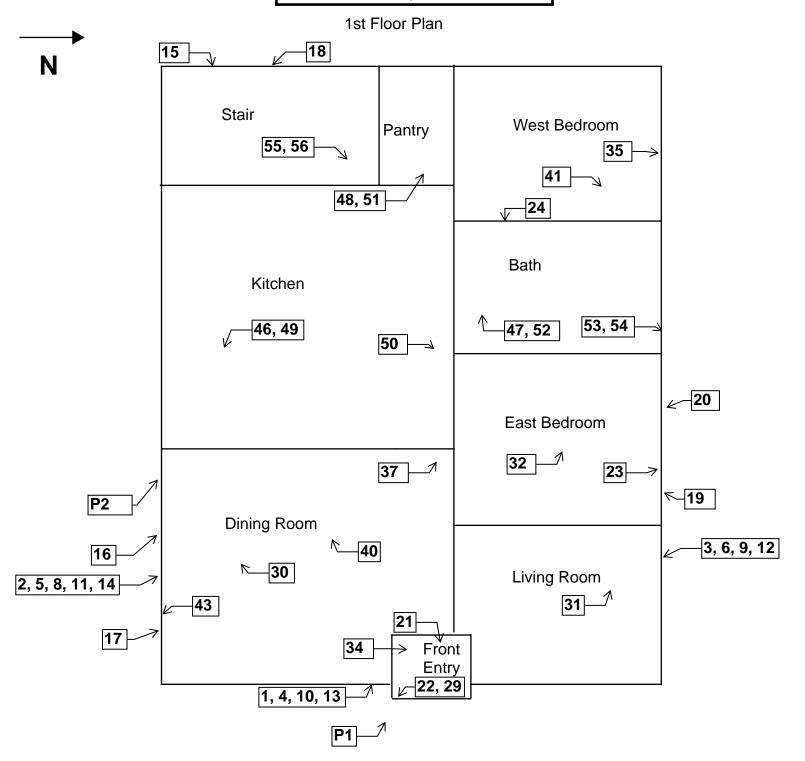
## Two family Dwelling 3245 North 25th Street Milwaukee, Wisconsin

Basement Floor Plan

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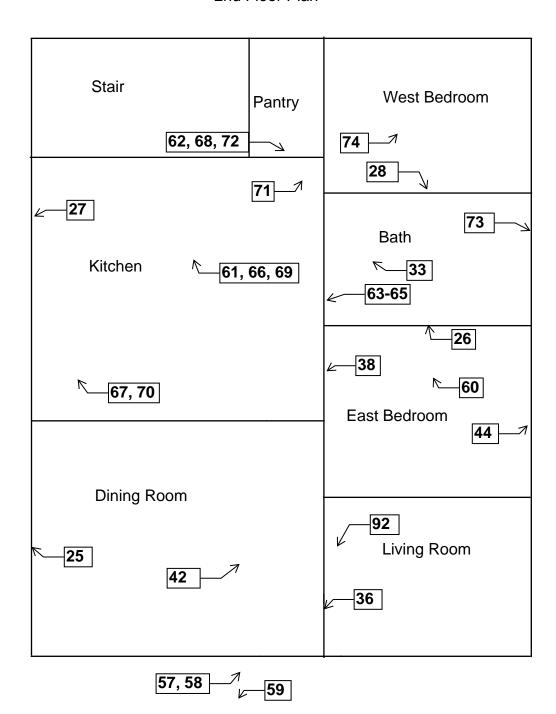
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## Two family Dwelling 3245 North 25th Street Milwaukee, Wisconsin

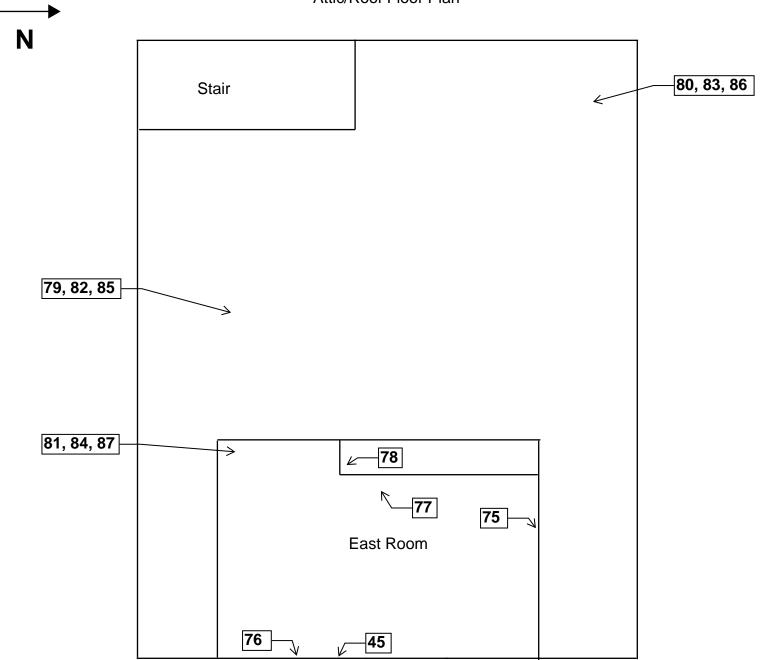
2nd Floor Plan

N



Two family Dwelling 3245 North 25th Street Milwaukee, Wisconsin

Attic/Roof Floor Plan



## XII. HMG CERTIFICATION



This certifies that

## HARENDA MANAGEMENT GROUP

1237 W BRUCE ST MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

Asbestos Company - Primary

Certificate Issue Date: 06/23/2017

xpiration Date: 08/31/2019, 12:01 a.m.

Certification #: CAP-480540

Visconsin Department of Health Services

ivision of Public Health

ureau of Environmental and Occupational Health

sbestos & Lead Section

O Box 2659

Iadison WI 53701-2659

hone: (608) 261-6876





Shelley A Bruce, Unit Supervisor Scott Walker Governor

Linda Seemeyer Secretary December 15, 2017



1 WEST WILSON STREET

P O BOX 2659 MADISON WI 53701-2659

Telephone: 608 266-1251 FAX: 608 267-2832 TTY: 888-701-1253 dhs.wisconsin.gov

DEAN T JACOBSEN W131S6781 KIPLING DR MUSKEGO WI 53150-3401

ID# AII-14370

Congratulations! Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

## Follow Wisconsin law by making sure that you:

- 1. Have your blue card with you when doing regulated work.
- 2. Work safely using the methods you learned in training.
- 3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing <u>DHSAsbestosLead@wi.gov</u>, by using our Lead and Asbestos Online Certification website, <u>www.dhs.wisconsin.gov/waldo</u>, or by mailing a note to:

Lead and Asbestos Section 1 W. Wilson St., Room 137 P.O. Box 2659 Madison WI 53701-2659

- 4. Take refresher training well before the "Training due by" date printed on your blue card.
  - Asbestos-certified individuals must refresh in Wisconsin no earlier than 90 days before the due date to keep the same expiration date.
    - Find asbestos training providers at <a href="https://www.dhs.wisconsin.gov/asbestos">www.dhs.wisconsin.gov/asbestos</a>.
  - Lead-certified individuals can refresh up to 1 year before the due date.
     Find lead training providers at <u>www.dhs.wisconsin.gov/lead</u>.
- 5. Apply to renew your card at least 1 month before the "Exp." date on your blue card.
- 6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at <a href="https://www.dhs.wisconsin.gov/lead">www.dhs.wisconsin.gov/lead</a> or <a href="https://www.dhs.wisconsin.gov/asbestos">www.dhs.wisconsin.gov/asbestos</a>.
- 7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you proprofessional responsibility. Contact us if you have below and on the back of your blue card.

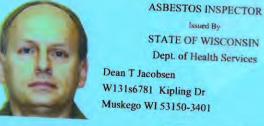
The Lead and Asbestos Certification Program (608) 261-6876

<u>DHSAsbestosLead@wi.gov</u>

<u>www.dhs.wisconsin.gov/asbestos</u>

www.dhs.wisconsin.gov/lead

COPY



160 lbs	5' 08"
12/12/1963	Male

Training due by: 12/02/2018



# **DECONSTRUCTION INSPECTION REPORT Job Site:**

Two Family Dwelling 3286 North 25<sup>th</sup> Street Milwaukee, Wisconsin

For:

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1<sup>st</sup> Floor
Milwaukee, Wisconsin 53202-3613

HMG Report No.: 19-400-037.3286 Inspector: Damian Rogowski Contract No.: 360-19-0975

Prepared by:

## HARENDA MANAGEMENT GROUP

1237 West Bruce Street Milwaukee, Wisconsin 53204 (414) 383-4800

August 2019

## Signature Page

Deconstruction Inspection Report Two Family Dwelling 3286 North 25<sup>th</sup> Street Milwaukee, Wisconsin

Dean Jacobsen

Asbestos Inspector No. AII - 14370

Expiration Date: 12/2/19

Harenda Management Group

Damian Rogowski

Asbestos Inspector No. AII - 161300

Expiration Date: 3/19/20 Harenda Management Group August 20, 2019

City of Milwaukee Department of Neighborhood Services Attn: Marge Piwaron 841 North Broadway 1<sup>st</sup> Floor Milwaukee, Wisconsin 53202-3613

RE: Deconstruction Inspection Report

3286 North 25th Street

Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 3286 North 25<sup>th</sup> Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP

Dean Jacobsen

Asbestos Inspector No. AII - 14370

## **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 3286 North 25<sup>th</sup> Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in exterior transite siding sampled during the inspection. Asbestos was detected at less than 1% in 2<sup>nd</sup> floor kitchen wall panel mastic. Asbestos was assumed to be in the roof flashing at the chimney. Results are in Section IV of this report.

Lead was detected in paint on the interior basement walls. Results are in Section V of this report.

# TABLE OF CONTENTS Deconstruction Inspection Report

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II.	Asbestos Inspection	1
III.	Asbestos Laboratory  A. Method of Analysis	2
IV.	Asbestos Findings and Observations	2
V.	Lead Paint Inspection	6
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#### I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling at 3286 North 25<sup>th</sup> Street, Milwaukee, Wisconsin. The dwelling is a three story wood framed structure with basement. The house has vinyl, transite, and wood walls with asphalt roofing.

## II. ASBESTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

On August 7, 2019, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 3286 North 25<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Damian Rogowski, Wisconsin License No. AII – 161300, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

- 1. A visual determination as to the extent of suspect asbestos containing materials within the building.
- 2. Sampling and documentation of observable suspect asbestos containing materials.
- 3. Quantification of observable asbestos containing materials existing within the spaces.
- 4. Sampling of suspect lead painted masonry surfaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Paper insulation
- Transite siding
- Window glazing compound
- Drywall/joint compound
- Plaster
- Texture
- Floor tile
- Ceramic tile
- Ceiling tile
- Sink undercoat
- Asphalt shingles
- Flue packing

- Mastics-
- Roof flashing

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

#### III. ASBESTOS LABORATORY

## A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crodcidolite, anthophyllite, and actinolite,/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

## IV. ASBESTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – west wall under transite siding – brown paper insulation	Negative	MPIn
2	Exterior – north wall under transite siding – brown paper insulation	Negative	MPIn
3	Exterior – south wall under transite siding – brown paper insulation	Negative	MPIn
4	Exterior – west wall under vinyl siding – transite siding	Positive 20% Chrysotile	MTP
5	Exterior – north wall under vinyl siding – transite siding	Positive 20% Chrysotile	MTP
6	Exterior – south wall under vinyl siding – transite siding	Positive 20% Chrysotile	MTP
7	Basement – on north window – glazing compound	Negative	MPG

Sample #	Location and Description	Results	Homogeneous Code
8	1st floor – on east window – glazing compound	Negative	MPG
9	1 <sup>st</sup> floor – on south window – glazing compound	Negative	MPG
10a	1st floor – living room – east wall – drywall	Negative	MDW
10b	1st floor – living room – east wall – joint compound	Negative	MDW
11a	1st floor – hall – south wall – drywall	Negative	MDW
11b	1st floor – hall – south wall – joint compound	Negative	MDW
12a	2 <sup>nd</sup> floor – bathroom – west wall – drywall	Negative	MDW
12b	2 <sup>nd</sup> floor – bathroom – west wall – joint compound	Negative	MDW
13a	1st floor – living room – east wall under drywall – plaster	Negative	SP1
13b	1 <sup>st</sup> floor – living room – east wall under drywall – joint	Negative	SPI
150	compound layer	rveganve	
14a	2 <sup>nd</sup> floor – east bedroom – south wall – plaster	Negative	SP1
14b	2 <sup>nd</sup> floor – east bedroom – south wall – joint compound layer	Negative	SP1
15a	2 <sup>nd</sup> floor – west bedroom – south wall – plaster	Negative	SP1
15b	2 <sup>nd</sup> floor – west bedroom – south wall – joint compound	Negative	SPI
155	layer	Troguitro	
16a	2 <sup>nd</sup> floor – rear stair – south wall – plaster	Negative	SP1
16b	2 <sup>nd</sup> floor – rear stair – south wall – joint compound layer	Negative	SPI
17a	1 <sup>st</sup> floor – east bedroom – east wall under drywall – plaster	Negative	SP1
17b	1 <sup>st</sup> floor – east bedroom – east wall under drywall – joint	Negative	SP1
1,0	compound layer	1 (oguil (o	
18	1st floor – living room – on east wall – texture	Negative	STX
19	1st floor – bathroom – on east wall – texture	Negative	STX
20	2 <sup>nd</sup> floor – bathroom – on east wall – texture	Negative	STX
21a	1 <sup>st</sup> floor – dining room east side – 12" white and gray floor	Negative	MF12wy
	tile	8	
21b	1st floor – dining room east side – under 12" white and gray floor tile – tan mastic	Negative	MF12wy
22a	1st floor – dining room west side – 12" cream and gray floor tile	Negative	MF12cy
22b			MF12cy
23a			MCTMwp
23b	1 <sup>st</sup> floor – bathroom – on west wall – under white and pink ceramic tile - tan mastic	Negative	MCTMwp
24a	1 <sup>st</sup> floor – hall floor – gray ceramic tile	Negative	MCTMy
24b	1 <sup>st</sup> floor – hall floor – grout/mortar	Negative	MCTMy
25a	1st floor – kitchen floor – gray ceramic tile	Negative	MCTMy
25b	1 <sup>st</sup> floor – kitchen floor – grout/mortar	Negative	MCTMy
26a	1st floor – pantry floor – gray ceramic tile	Negative	MCTMy
26b	1 <sup>st</sup> floor – pantry floor – grout/mortar	Negative	MCTMy
27a	2 <sup>nd</sup> floor – rear stair landing – 12" tan and brown floor tile	Negative	MF12tn
27b	2 <sup>nd</sup> floor – rear stair landing – under 12" tan and brown floor tile – tan mastic	Negative	MF12tn
28	2 <sup>nd</sup> floor – front stair – on south wall – texture #2	Negative	STX2
29	2 <sup>nd</sup> floor – front stair – on north wall – texture #2	Negative	STX2
30	1st floor – front stair – on south wall – texture #2	Negative	STX2
31a	2 <sup>nd</sup> floor – front stair on steps – 9" black and red floor tile	Negative	MF9kr
31b	2 <sup>nd</sup> floor – front stair on steps – under 9" black and red floor tile – tan mastic	Negative	MF9kr
32	2 <sup>nd</sup> floor – office – 2' x 4' ceiling tile	Negative	MSCT24
33	2 <sup>nd</sup> floor – living room – 2' x 4' ceiling tile	Negative	MSCT24

Sample #	Location and Description	Results	Homogeneous Code
34	2 <sup>nd</sup> floor – dining room – 2' x 4' ceiling tile	Negative	MSCT24
35a	2 <sup>nd</sup> floor – west bedroom – 12" gray floor tile	Negative	MF12y
35b	2 <sup>nd</sup> floor – west bedroom – under 12" gray floor tile – tan mastic	Negative	MF12y
36a	2 <sup>nd</sup> floor – bathroom – 12" brown floor tile	Negative	MF12n
36b	2 <sup>nd</sup> floor – bathroom – under 12" brown floor tile – tan mastic	Negative	MF12n
37a	2 <sup>nd</sup> floor – hall top layer – 12" brown floor tile	Negative	MF12n
37b	2 <sup>nd</sup> floor – hall top layer – under 12" brown floor tile – tan mastic	Negative	MF12n
38a	2 <sup>nd</sup> floor – kitchen top layer – 12" brown floor tile	Negative	MF12n
38b	2 <sup>nd</sup> floor – kitchen top layer – under 12" brown floor tile – tan mastic	Negative	MF12n
39a	2 <sup>nd</sup> floor – hall bottom layer – 12" white and gray floor tile	Negative	MF12wy
39b	2 <sup>nd</sup> floor – hall bottom layer – under 12" white and gray floor tile – tan mastic	Negative	MF12wy
40a	2 <sup>nd</sup> floor – kitchen bottom layer – 12" white and gray floor tile	Negative	MF12wy
40b	2 <sup>nd</sup> floor – kitchen bottom layer – under 12" white and gray floor tile – tan mastic	Negative	MF12wy
41	2 <sup>nd</sup> floor – kitchen on sink – gray undercoat	Negative	MSUy
42	2 <sup>nd</sup> floor – kitchen on west wall under panel – brown mastic	Positive 2% Chrysotile	MPMn
42	Point Count Result	Trace 0.5% Chrysotile	MPMn
43	2 <sup>nd</sup> floor – kitchen on east wall under panel – brown mastic	Positive 2% Chrysotile	MPMn
43	Point Count Result	Trace 0.75% Chrysotile	MPMn
44	2 <sup>nd</sup> floor – kitchen on south wall under panel – brown mastic	Positive 2% Chrysotile	MPMn
44	Point Count Result	Trace 0.5% Chrysotile	MPMn
45	Roof – southeast top layer – red and black asphalt shingle	Negative	MRSrk
46	Roof – northwest top layer – red and black asphalt shingle	Negative	MRSrk
47	Roof – northeast top layer – red and black asphalt shingle	Negative	MRSrk
48	Roof – southeast 2 <sup>nd</sup> layer – brown and gray asphalt shingle	Negative	MRSny
49	Roof – northwest 2 <sup>nd</sup> layer – brown and gray asphalt shingle	Negative	MRSny
50	Roof – northeast 2 <sup>nd</sup> layer – brown and gray asphalt shingle	Negative	MRSny
51	Roof – southeast 3 <sup>rd</sup> layer – brown asphalt shingle	Negative	MRSn
52	Roof – northwest 3 <sup>rd</sup> layer – brown asphalt shingle	Negative	MRSn
53	Roof – northeast 3 <sup>rd</sup> layer – brown asphalt shingle	Negative	MRSn
54a	Basement – stair – 12" tan floor tile	Negative	MF12t
54b	Basement – stair – under 12" tan floor tile – tan mastic	Negative	MF12t
55	Basement – on chimney – flue packing	Negative	TFP

One (1) of the materials sampled contains greater than 1% asbestos and is an asbestos containing material (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Transite Siding	MTP	Exterior Walls Under Vinyl Siding	2,900 SF	Category II Non-Friable

One (1) of the materials sampled contains less than 1% asbestos and is not an ACM:

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Brown Wall Panel Mastic	MPMn	2 <sup>nd</sup> Floor Kitchen	400 SF	Category II Non-Friable

**Assumed Asbestos Containing Materials** 

Material	Location	Approximate Quantity	Material Type
Roof Flashing	Roof at Chimney	5 SF	Category I Non-Friable

The flashing was not accessible at the time of the inspection.

Note #1: The ACMs listed above are category I non-friable and category II non friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that these materials be abated prior to deconstruction.

Note#2: The brown wall panel mastic contains less than 1% asbestos as verified by the point count method, and by definition in NR 447 is not an ACM. The contractor must follow U.S. Occupational Safety and Health Administration requirements in 29 CFR 1926.1101 (Asbestos in Construction) during removal. This regulation requires the employer to protect employees from asbestos exposure if any amount of asbestos is present. These requirements include:

- Exposure assessments
- Use of respirators and protective clothing until exposure assessments results are known,
- Using wet methods and HEPA vacuums for cleanup of the joint compound,
- Putting waste in leak tight asbestos labeled containers

HMG recommends that the brown wall panel mastic be removed by a Wisconsin certified asbestos company, as necessary, as part of the deconstruction project.

**Note#3:** If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

**Note#4:** A copy of this report should be transmitted to the deconstruction contractor.

#### **Homogeneous Material Codes**

SP1

STX

SIA	TEXTUTE
STX2	Texture #2
MPIn	Brown Paper Insulation
MTP	Transite
MPG	Window Glazing Compound
MDW	Drywall/Joint Compound
MF12wy	12" White & Gray Floor Tile
MF12cy	12" Cream & Gray Floor Tile
MF12tn	12" Tan & Brown Floor Tile
MF12y	12" Gray Floor Tile
MF12t	12" Tan Floor Tile
MF9kr	9" Black & Red Floor Tile
MCTMwp	White & Pink Ceramic Tile
MCTMv	Grav Ceramic Tile

Plaster

Texture

## **Homogeneous Material Codes**

MSCT24 2' x 4' Ceiling Tile
MSUy Gray Sink Undercoat
MPMn Brown Wall Panel Mastic
MRSrk Red & Black Asphalt Shingle
MRSny Brown & Gray Asphalt Shingle
TFP Flue Packing

## V. LEAD PAINT INSPECTION

## A. Methods

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 3286 North 25<sup>th</sup> Street, Milwaukee, Wisconsin, took place on August 7, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

## **B.** Component Testing Results

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section X.

Interior: 3286 North 25th Street, Milwaukee, Wisconsin

• Painted block was observed on the interior basement walls. Lead based paint was not detected.

Exterior: 3286 North 25th Street, Milwaukee, Wisconsin

• Painted masonry was not observed on the exterior.

The following are the laboratory results.

Site: 3286 North 25th Street, Milwaukee, Wisconsin

Paint Testing Results					
Sample	Room	Component	Substrate	Color	Result (% Lead)
P1	Basement	East Wall	Block	White	0.412
P2	Basement	South Wall	Block	Gray	0.00474
Р3	Basement	South Wall	Block	Tan	0.00588
P4	Basement	West Wall	Block	Brown	0.00371

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <a href="https://www.osha.gov/SLTC/lead/index.html">https://www.osha.gov/SLTC/lead/index.html</a> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

## VI. EXCLUSIONS

Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

Date: 8/7/19

## VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos and paint testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.

## VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

## **ASBESTOS**

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

N/A	Air Conditioners (roof top, room, and central)
N/A	Dehumidifiers
N/A	Heat Pumps
N/A	Refrigerators, Freezers, Chillers
N/A	Vending Machines, Food Display Cases
N/A	Walk-in Coolers
N/A	Water Fountains (bubblers)
N/A	Fire Extinguishers (both portable and installed HALON suppression systems)
N/A	Water Coolers

#### LEAD

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

#### **MERCURY**

Products that may contain mercury:

## LIGHTING

N/A Fluorescent Lights

N/A High Intensity Discharge

-Metal Halide

-High Pressure Sodium

-Mercury Vapor

N/A Neon

N/A Switches for lighting using mercury relays

-Look for any control associated with exterior or automated

lighting systems such as "Silent" wall switches.

## **HVAC**

Check thermostats and any control associated with air handling units for switches containing mercury.

## HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

<u>N/A</u> Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

# BOILERS, **FURNACES**, **HEATERS** AND TANKS – 2 Furnaces & 2 Water Heaters in Basement

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

-	N/A	Load Meters and Supply Relays
	N/A	Phase Splitters
_	N/A	Microwave Relays
-	N/A	Mercury Displacement Relays
PCBs an	nd should be n	manufactured prior to 1987, it is safe to assume that they contain nanaged accordingly. Most equipment manufactured after this time The following is a list of areas in a building were PCBs may be
	N/A	Transformers
-	N/A	Capacitors (appliances, electronic equipment)
-	N/A	Heat Transfer Equipment
-	N/A	Ballasts
-	N/A	Specialty Paints (such as for swimming pools or other industrial
-	N/A	applications) Sumps or Oil Traps (in maintenance and industrial facilities)
OTHE	R ENVIRON	MENTAL ISSUES
-	N/A	Hazardous Waste
-	N/A	Oil Tanks
-	N/A	Well Abandonment
-	N/A	Junk Auto Tires
-	N/A	Junk Vehicles

ELECTRICAL SYSTEMS – Seven Electrical Boxes in Basement, Attic, & Exterior

<sup>\* 20</sup> Gallons Paint Basement, 1st Floor Living Room & Kitchen

## IX. ASBESTOS LABORATORY RESULTS

## **Analysis Report**



## Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Order #:

330599

08/08/19

08/13/19

08/13/19

**Customer:** Harenda Management Group (5065)

Address: 1237 West Bruce Street

Milwaukee, WI 53204

Attn: Received
Analyzed
Reported

Project:

-Location: Wisconsin -Number: 19-400-037.3286

Beige, Granular

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

Wiethou.	L1 / \ 000/1	( 30/ 1 10 Q <del>1</del> 0 C	T TAPP. L Oub. L T	. 700 FLIVI	Allalysis	
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
330599-001	08/07/19	1	Wisconsin			
Layer 1:	Paper			None Detected	65%	CELLULOSE FIBER
Beige/B	lack, Bitum	inous/Fibrous			15%	MINERAL/GLASS WOOL
					20%	NON FIBROUS MATERIAL
330599-002	08/07/19	2	Wisconsin			
Layer 1:	Paper			None Detected	65%	CELLULOSE FIBER
Beige/B	lack, Bitum	inous/Fibrous			15%	MINERAL/GLASS WOOL
					20%	NON FIBROUS MATERIAL
330599-003	08/07/19	3	Wisconsin			
Layer 1:	Paper			None Detected	65%	CELLULOSE FIBER
Beige/B	lack, Bitum	inous/Fibrous			15%	MINERAL/GLASS WOOL
					20%	NON FIBROUS MATERIAL
330599-004	08/07/19	4	Wisconsin			
Layer 1:	Transite			20% CHRYSOTILE	80%	NON FIBROUS MATERIAL
Gray, H	ard					
330599-005	08/07/19	5	Wisconsin			
Layer 1:	Transite			20% CHRYSOTILE	80%	NON FIBROUS MATERIAL
Gray, H						
330599-006	08/07/19	6	Wisconsin			
Layer 1:	Transite			20% CHRYSOTILE	80%	NON FIBROUS MATERIAL
Gray, H	ard					
330599-007	08/07/19	7	Wisconsin			
Layer 1:	Granular	Material		None Detected	100%	NON FIBROUS MATERIAL
•	Granular					
330599-008	08/07/19	8	Wisconsin			
Layer 1:	Granular		31.000	None Detected	100%	NON FIBROUS MATERIAL
Layer I.	Gianulai	Marchai		Hone Beleviou	100 /6	NOW I IDIOUS WATERIAL

Location: Wisconsin

Number: 19-400-037.3286

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

wethoa:	EPA 600/R-	93/116 & 40 C	FR App. E Sub. E Pt.	763 PLIVI	Anaiysis	
Sample ID		Cust. ID	Location	Asbestos Fibers		Other Materials
30599-009	08/07/19	9	Wisconsin			
Layer 1:	Granular M	1aterial		None Detected	100%	NON FIBROUS MATERIAL
Beige, C	Granular					
30599-010	08/07/19	10	Wisconsin			
Layer 1:	Drywall			None Detected	5%	CELLULOSE FIBER
White, F	•				95%	NON FIBROUS MATERIAL
Layer 2: White, 0	Joint Comp Granular	oound		None Detected	100%	NON FIBROUS MATERIAL
330599-011	08/07/19	11	Wisconsin			
Layer 1:	Drywall			None Detected	5%	CELLULOSE FIBER
White, F	Powdery				95%	NON FIBROUS MATERIAL
Layer 2: White, 0	Joint Comp Granular	oound		None Detected	100%	NON FIBROUS MATERIAL
330599-012	08/07/19	12	Wisconsin			
Layer 1:	Drywall			None Detected	5%	CELLULOSE FIBER
White, F	Powdery				95%	NON FIBROUS MATERIAL
Layer 2: White, 0	Joint Comp Granular	oound		None Detected	100%	NON FIBROUS MATERIAL
330599-013	08/07/19	13	Wisconsin			
Layer 1: Beige, 0	Plaster Granular			None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Green, 0	Textured M Granular	laterial		None Detected	100%	NON FIBROUS MATERIAL
330599-014	08/07/19	14	Wisconsin			
Layer 1: Beige, 0	Plaster Granular			None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Green, 0	Textured M Granular	laterial		None Detected	100%	NON FIBROUS MATERIAL

Location: Wisconsin 19-400-037.3286

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Wietiiou.	LI A 000/I	1-93/110 Q 40	CFR App. E Sub. E Ft.	700 PLIVI	Alidiyələ
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
330599-015	08/07/19	15	Wisconsin		
Layer 1: Beige, G	Plaster Granular			None Detected	100% NON FIBROUS MATERIAL
Layer 2: Green, 0	Textured Granular	Material		None Detected	100% NON FIBROUS MATERIAL
330599-016	08/07/19	16	Wisconsin		
Layer 1: Beige, G	Plaster Granular			None Detected	100% NON FIBROUS MATERIAL
Layer 2: Green, 0	Textured Granular	Material		None Detected	100% NON FIBROUS MATERIAL
330599-017	08/07/19	17	Wisconsin		
Layer 1: Beige, 0	Plaster Granular			None Detected	100% NON FIBROUS MATERIAL
Layer 2: Green, 0	Textured Granular	Material		None Detected	100% NON FIBROUS MATERIAL
330599-018	08/07/19	18	Wisconsin		
Layer 1: White, 0	Textured Granular	Material		None Detected	100% NON FIBROUS MATERIAL
330599-019	08/07/19	19	Wisconsin		
Layer 1: White, 0	Textured Granular	Material		None Detected	100% NON FIBROUS MATERIAL
30599-020	08/07/19	20	Wisconsin		
Layer 1: White, 0	Textured Granular	Material		None Detected	100% NON FIBROUS MATERIAL
330599-021	08/07/19	21	Wisconsin		
Layer 1: Off Whit	Floor Tile e, Organic			None Detected	100% NON FIBROUS MATERIAL
Layer 2: Tan, So	Mastic ft			None Detected	100% NON FIBROUS MATERIAL

Location: Wisconsin 19-400-037.3286

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

Method:	EPA 600/R	-93/116 & 40 CFR	App. E Sub. E Pt. 763	PLM Analy	ysis	
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
330599-022	08/07/19	22	Wisconsin			
Layer 1: Off Whit	Floor Tile e, Organica			None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Tan, Sof	Mastic ft			None Detected	100%	NON FIBROUS MATERIAL
330599-023	08/07/19	23	Wisconsin			
Layer 1: White, F	Ceramic <sup>·</sup> lard	Tile		None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Tan, So	Mastic ft			None Detected	100%	NON FIBROUS MATERIAL
330599-024	08/07/19	24	Wisconsin			
Layer 1: Cream,	Ceramic <sup>·</sup> Hard	Tile		None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Gray, Ha	Grout ard			None Detected	100%	NON FIBROUS MATERIAL
330599-025	08/07/19	25	Wisconsin			
Layer 1: Beige, F	Ceramic <sup>-</sup> lard	Tile		None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Gray, Ha	Grout ard			None Detected	100%	NON FIBROUS MATERIAL
330599-026	08/07/19	26	Wisconsin			
Layer 1: Brown, I	Ceramic			None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Gray, Ha	Grout ard			None Detected	100%	NON FIBROUS MATERIAL
330599-027	08/07/19	27	Wisconsin			
Layer 1:	Floor Tile e, Organica			None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Tan, So	Mastic ft			None Detected	100%	NON FIBROUS MATERIAL

Location: Wisconsin 19-400-037.3286

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 PLM Analysis

Method:	EPA 600/R-	93/116 & 40 C	FR App. E Sub. E Pt.	763 <b>PLM</b>	Analysis	
Sample ID		Cust. ID	Location	Asbestos Fibers		Other Materials
30599-028	08/07/19	28	Wisconsin			
Layer 1:	Granular N	1aterial		None Detected	100%	NON FIBROUS MATERIAL
White, C	Granular					
330599-029	08/07/19	29	Wisconsin			
Layer 1:	Granular N	1aterial		None Detected	100%	NON FIBROUS MATERIAL
White, 0					.0070	
330599-030	08/07/19	30	Wisconsin			
Layer 1:	Granular N	1aterial		None Detected	100%	NON FIBROUS MATERIAL
White, 0	Granular					
330599-031	08/07/19	31	Wisconsin			
Layer 1:	Flooring			None Detected	35%	CELLULOSE FIBER
Beige/B	lack, Org.Bo	und/Fibrous			15%	MINERAL/GLASS WOOL
					50%	NON FIBROUS MATERIAL
Layer 2: Tan, So	ft					
330599-032	08/07/19	32	Wisconsin			
Layer 1:	Ceiling Tile	;		None Detected	40%	CELLULOSE FIBER
Beige, F	ibrous				40%	MINERAL/GLASS WOOL
					20%	NON FIBROUS MATERIAL
330599-033	08/07/19	33	Wisconsin			
Layer 1:	Ceiling Tile	;		None Detected	40%	CELLULOSE FIBER
Beige, F	ibrous				40%	MINERAL/GLASS WOOL
					20%	NON FIBROUS MATERIAL
30599-034	08/07/19	34	Wisconsin			
Layer 1:	Ceiling Tile	;		None Detected	40%	CELLULOSE FIBER
Beige, F	ibrous				40%	MINERAL/GLASS WOOL
					20%	NON FIBROUS MATERIAL
330599-035	08/07/19	35	Wisconsin			
Layer 1:	Floor Tile			None Detected	100%	NON FIBROUS MATERIAL
Tan/Gra	y, Organical	ly Bound				
Layer 2:	Mastic			None Detected	100%	NON FIBROUS MATERIAL
Tan, So						
1 111, 30						

Location: Wisconsin 19-400-037.3286

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

wetnoa:	EPA 600/R	-93/116 & 40 (	JFR App. E Sub. E Pt.	763 PLIVI	Analysis
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
330599-036	08/07/19	36	Wisconsin		
Layer 1: Gray/Bro	Floor Tile own, Organ	ically Bound		None Detected	100% NON FIBROUS MATERIAL
Layer 2: Tan, Sof	Mastic ft			None Detected	100% NON FIBROUS MATERIAL
330599-037	08/07/19	37	Wisconsin		
Layer 1: Gray/Bro	Floor Tile own, Organ	ically Bound		None Detected	100% NON FIBROUS MATERIAL
Layer 2: Tan, Sof	Mastic ft			None Detected	100% NON FIBROUS MATERIAL
330599-038	08/07/19	38	Wisconsin		
Layer 1: Gray/Bro	Floor Tile own, Organ	ically Bound		None Detected	100% NON FIBROUS MATERIAL
Layer 2: Tan, Sof	Mastic ft			None Detected	100% NON FIBROUS MATERIAL
330599-039	08/07/19	39	Wisconsin		
Layer 1: White, C	Floor Tile Organically			None Detected	100% NON FIBROUS MATERIAL
Layer 2: Tan, Sof	Mastic ft			None Detected	100% NON FIBROUS MATERIAL
330599-040	08/07/19	40	Wisconsin		
Layer 1: White, C	Floor Tile Organically			None Detected	100% NON FIBROUS MATERIAL
Layer 2: Tan, Sof	Mastic ft			None Detected	100% NON FIBROUS MATERIAL
330599-041	08/07/19	41	Wisconsin		
Layer 1: Gray, Gı	Granular ranular	Material		None Detected	100% NON FIBROUS MATERIAL
330599-042	08/07/19	42	Wisconsin		
Layer 1: Brown, S	Soft Mate Soft	rial		2% CHRYSOTILE	98% NON FIBROUS MATERIAL

-Location: Wisconsin

Number: 19-400-037.3286

Method: EP	'A 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763	PLM Analysis
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Sample ID	Collected		Location	Asbestos Fibers	Other Material	S
80599-043		43	Wisconsin			
Layer 1: Brown, S	Soft Mate Soft	erial		2% CHRYSOTILE	98% NON FIBROUS M	ATERIAL
30599-044	08/07/19	44	Wisconsin			
Layer 1: Brown, S	Soft Mate Soft	erial		2% CHRYSOTILE	98% NON FIBROUS M	ATERIAL
30599-045	08/07/19	45	Wisconsin			
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBE	ER .
Black, B	ituminous/	Granular			5% MINERAL/GLASS	WOOL
					90% NON FIBROUS M	ATERIAL
				mponent were analyzed separa	tely.	
30599-046	08/07/19	46	Wisconsin	None Detected	F0/ OF LLU OOF TO	-D
Layer 1:	Shingle	Onemula -		None Detected	5% CELLULOSE FIBE	
ыаск, В	ituminous/	ranular			5% MINERAL/GLASS	
					90% NON FIBROUS M	ATERIAL
Camala						
			<u> </u>	mponent were analyzed separa	tely.	
30599-047	08/07/19	47	Wisconsin			ED.
<b>30599-047</b> Layer 1:	08/07/19 Shingle	47	<u> </u>	mponent were analyzed separa  None Detected	5% CELLULOSE FIBE	
330599-047 Layer 1:	08/07/19	47	<u> </u>			WOOL
30599-047 Layer 1: Black, B Sample	08/07/19 Shingle ituminous/0	47 Granular mogenous, su	Wisconsin  Usamples of each co		5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M	WOOL
30599-047 Layer 1: Black, B Sample 30599-048	08/07/19 Shingle ituminous/0 was inhor 08/07/19	47 Granular	Wisconsin	None Detected  mponent were analyzed separa	5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M	WOOL ATERIAL
30599-047 Layer 1: Black, B Sample 30599-048 Layer 1:	08/07/19 Shingle ituminous/0 was inhor 08/07/19 Shingle	47 Granular <b>mogenous, su</b> 48	Wisconsin  Usamples of each co	None Detected	5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M tely. 5% CELLULOSE FIBE	WOOL ATERIAL
30599-047 Layer 1: Black, B Sample 30599-048 Layer 1:	08/07/19 Shingle ituminous/0 was inhor 08/07/19	47 Granular <b>mogenous, su</b> 48	Wisconsin  Usamples of each co	None Detected  mponent were analyzed separa	5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.  5% CELLULOSE FIBE 5% MINERAL/GLASS	WOOL ATERIAL ER WOOL
30599-047 Layer 1: Black, B Sample 30599-048 Layer 1: Black, B	08/07/19 Shingle ituminous/0 was inhor 08/07/19 Shingle ituminous/0	47 Granular mogenous, su 48 Granular	Wisconsin  Ibsamples of each co  Wisconsin	None Detected  mponent were analyzed separa  None Detected	5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.  5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M	WOOL ATERIAL ER WOOL
30599-047 Layer 1:     Black, B     Sample 30599-048 Layer 1:     Black, B	08/07/19 Shingle ituminous/0 was inhor 08/07/19 Shingle ituminous/0 was inhor	47 Granular mogenous, su 48 Granular mogenous, su	Wisconsin  Ubsamples of each co  Wisconsin  Ubsamples of each co	None Detected  mponent were analyzed separa	5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.  5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M	WOOL ATERIAL ER WOOL
30599-047 Layer 1:     Black, B     Sample 30599-048 Layer 1:     Black, B     Sample 30599-049	08/07/19 Shingle ituminous/0 was inhor 08/07/19 Shingle ituminous/0 was inhor 08/07/19	47 Granular mogenous, su 48 Granular	Wisconsin  Ibsamples of each co  Wisconsin	None Detected  mponent were analyzed separa  None Detected  mponent were analyzed separa	5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.  5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.	WOOL ATERIAL ER WOOL ATERIAL
30599-047 Layer 1: Black, B Sample 30599-048 Layer 1: Black, B Sample 30599-049 Layer 1:	08/07/19 Shingle ituminous/0 was inhor 08/07/19 Shingle ituminous/0 was inhor 08/07/19 Shingle Shingle	Granular  mogenous, su  48  Granular  mogenous, su  49	Wisconsin  Ubsamples of each co  Wisconsin  Ubsamples of each co	None Detected  mponent were analyzed separa  None Detected	5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.  5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.	WOOL ATERIAL WOOL ATERIAL
30599-047 Layer 1: Black, B  Sample 30599-048 Layer 1: Black, B  Sample 30599-049 Layer 1:	08/07/19 Shingle ituminous/0 was inhor 08/07/19 Shingle ituminous/0 was inhor 08/07/19	Granular  mogenous, su  48  Granular  mogenous, su  49	Wisconsin  Ubsamples of each co  Wisconsin  Ubsamples of each co	None Detected  mponent were analyzed separa  None Detected  mponent were analyzed separa	5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.  5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.  5% CELLULOSE FIBE 5% MINERAL/GLASS	WOOL ATERIAL  ER WOOL ATERIAL  ER WOOL
30599-047 Layer 1:     Black, B  Sample 30599-048 Layer 1:     Black, B  Sample 30599-049 Layer 1:     Black, B	08/07/19 Shingle ituminous/0 was inhor 08/07/19 Shingle ituminous/0 was inhor 08/07/19 Shingle ituminous/0	Granular  mogenous, su  48  Granular  mogenous, su  49  Granular	Wisconsin  Ubsamples of each co  Wisconsin  Ubsamples of each co  Wisconsin	None Detected  mponent were analyzed separa  None Detected  mponent were analyzed separa  None Detected	5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.  5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.  5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M	WOOL ATERIAL  ER WOOL ATERIAL  ER WOOL
30599-047 Layer 1: Black, B  Sample 30599-048 Layer 1: Black, B  Sample 30599-049 Layer 1: Black, B	08/07/19 Shingle ituminous/0  was inhor 08/07/19 Shingle ituminous/0  was inhor 08/07/19 Shingle ituminous/0  shingle ituminous/0  was inhor 08/07/19  was inhor other of the control of t	Granular  mogenous, su  48  Granular  mogenous, su  49  Granular  mogenous, su	Wisconsin  Ubsamples of each co Wisconsin  Ubsamples of each co Wisconsin	None Detected  mponent were analyzed separa  None Detected  mponent were analyzed separa	5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.  5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.  5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M	WOOL ATERIAL ER WOOL ATERIAL ER WOOL
Sample Sample Black, B Sample Black, B Sample Black, B Sample Black, B Sample Sample Sample Sample Sample Black, B	08/07/19 Shingle ituminous/0 was inhor 08/07/19 Shingle ituminous/0 was inhor 08/07/19 Shingle ituminous/0 was inhor 08/07/19 was inhor 08/07/19	Granular  mogenous, su  48  Granular  mogenous, su  49  Granular	Wisconsin  Ubsamples of each co  Wisconsin  Ubsamples of each co  Wisconsin	None Detected  mponent were analyzed separa  None Detected  mponent were analyzed separa  None Detected  mponent were analyzed separa	5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.  5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.  5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M	WOOL ATERIAL  ER WOOL ATERIAL  ER WOOL ATERIAL
30599-047 Layer 1:     Black, B     Sample 30599-048 Layer 1:     Black, B     Sample 30599-049 Layer 1:     Black, B     Sample 30599-050 Layer 1:	08/07/19 Shingle ituminous/0 was inhor 08/07/19 Shingle ituminous/0 was inhor 08/07/19 Shingle ituminous/0 was inhor 08/07/19 Shingle Shingle Shingle Shingle Shingle Shingle	Granular  mogenous, su  48  Granular  mogenous, su  49  Granular  mogenous, su  50	Wisconsin  Ubsamples of each co Wisconsin  Ubsamples of each co Wisconsin	None Detected  mponent were analyzed separa  None Detected  mponent were analyzed separa  None Detected	5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.  5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.  5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M	WOOL ATERIAL ER WOOL ATERIAL ER WOOL ATERIAL
30599-047 Layer 1:     Black, B  Sample 30599-048 Layer 1:     Black, B  Sample 30599-049 Layer 1:     Black, B  Sample 30599-050 Layer 1:	08/07/19 Shingle ituminous/0 was inhor 08/07/19 Shingle ituminous/0 was inhor 08/07/19 Shingle ituminous/0 was inhor 08/07/19 was inhor 08/07/19	Granular  mogenous, su  48  Granular  mogenous, su  49  Granular  mogenous, su  50	Wisconsin  Ubsamples of each co Wisconsin  Ubsamples of each co Wisconsin	None Detected  mponent were analyzed separa  None Detected  mponent were analyzed separa  None Detected  mponent were analyzed separa	5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.  5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.  5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.	WOOL ATERIAL ER WOOL ATERIAL ER ATERIAL ER WOOL
30599-047 Layer 1: Black, B  Sample 30599-048 Layer 1: Black, B  Sample 30599-049 Layer 1: Black, B  Sample 30599-050 Layer 1: Black, B	08/07/19 Shingle ituminous/0 was inhor 08/07/19 Shingle ituminous/0	Granular  mogenous, su  48  Granular  mogenous, su  49  Granular  mogenous, su  50  Granular	Wisconsin  Ubsamples of each co Wisconsin  Ubsamples of each co Wisconsin  Ubsamples of each co Wisconsin	None Detected  mponent were analyzed separa  None Detected  mponent were analyzed separa  None Detected  mponent were analyzed separa  None Detected	5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.  5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.  5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.	WOOL ATERIAL ER WOOL ATERIAL ER WOOL ATERIAL
Layer 1: Black, B  Sample 30599-048  Layer 1: Black, B  Sample 30599-049  Layer 1: Black, B  Sample 30599-050  Layer 1: Black, B	08/07/19 Shingle ituminous/0 was inhor 08/07/19	Granular  mogenous, su  48  Granular  mogenous, su  49  Granular  mogenous, su  50  Granular	Wisconsin  Ubsamples of each co Wisconsin  Ubsamples of each co Wisconsin  Ubsamples of each co Wisconsin	None Detected  mponent were analyzed separa  None Detected  mponent were analyzed separa  None Detected  mponent were analyzed separa	5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.  5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.  5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.	WOOL ATERIAL ER WOOL ATERIAL ER WOOL ATERIAL
30599-047 Layer 1:     Black, B  Sample 30599-048 Layer 1:     Black, B  Sample 30599-049 Layer 1:     Black, B  Sample 30599-050 Layer 1:     Black, B  Sample 30599-050 Sample 30599-050	08/07/19 Shingle ituminous/0 was inhor 08/07/19 Shingle ituminous/0	Granular  mogenous, su  48  Granular  mogenous, su  49  Granular  mogenous, su  50  Granular	Wisconsin  Ubsamples of each co Wisconsin  Ubsamples of each co Wisconsin  Ubsamples of each co Wisconsin	None Detected  Mone Detected  None Detected  Mone Detected  None Detected  Mone Detected  Mone Detected  Mone Detected  Mone Detected	5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.  5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.  5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.	WOOL ATERIAL  ER WOOL ATERIAL  ER WOOL ATERIAL  ER WOOL ATERIAL
30599-047 Layer 1:     Black, B  Sample 30599-048 Layer 1:     Black, B  Sample 30599-049 Layer 1:     Black, B  Sample 30599-050 Layer 1:     Black, B	08/07/19 Shingle ituminous/0 was inhor 08/07/19	Granular  mogenous, su  48  Granular  mogenous, su  49  Granular  mogenous, su  50  Granular  mogenous, su  50	Wisconsin  Ubsamples of each co Wisconsin  Ubsamples of each co Wisconsin  Ubsamples of each co Wisconsin	None Detected  mponent were analyzed separa  None Detected  mponent were analyzed separa  None Detected  mponent were analyzed separa  None Detected	5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.  5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.  5% CELLULOSE FIBE 5% MINERAL/GLASS 90% NON FIBROUS M  tely.	WOOL ATERIAI  ER WOOL ATERIAI  ER WOOL ATERIAI

-Location: Wisconsin

Number: 19-400-037.3286

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
330599-052	08/07/19	52	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
Black, E	Bituminous/	Granular			5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
330599-053	08/07/19	53	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
Black, E	Bituminous/	Granular			5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL

Sample was inhomogenous, subsamples of each component were analyzed separately.

Wisconsin

Layer 1: Floor Tile Gray, Organically Bound		None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft		None Detected	100% NON FIBROUS MATERIAL
<b>330599-055</b> 08/07/19 55	Wisconsin		

None Detected

Layer 1: Hard Material

Gray, Hard

EPA Regulatory Limit: 1%

**330599-054** 08/07/19 54

Total layers analyzed on order: 78

Makemed Hagfine

Analyst Mohammed Hashim

330599-08/13/19 04:43 PM

100% NON FIBROUS MATERIAL

Reviewed By: Irma Faszewski

QAQC Director



2512 West Cary Street, Richmond, Virginia 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475 www.slabinc.com • info@slabinc.com



fghraizi UPS 8/8/2019 9:5 3:08 AM 1Z2E2899846 39123:22

			December of the second					*	
Submitting Co.	Harenda Managem	ent Group	State of Collection	WI		Cert. Required	☐ YES	□ №	
1237 West Bruce St	treet		Acct#	5065		Phone	(4	14) 647-153	30
Milwaukee, WI 5320	)4		Email	dean.jacol	osen@kphe	nvironmen	mtal.com		
Project Name		<u> </u>	PO #						
Project Location	Wisconsin		Special Inst	ructions:					
Project Number	19-400-037.3286								•
Collected By									
Turn Around	Matrix	Tests/A	nalytes (	Select ALL th	at Apply) Bla	ınk spaces al	e for additio	nal analytes	
□ 2 Hour *	☐ Air	Asbestos in Bulk	Metal	s Total	ТС	LP	Ň	/licrobiolog	gy .
☐ Same day *	☐ Paint	■ PLM	☐ Lead		☐ Lead		□ BACT	(MPN/PA)	
☐ 1 business day	☐ Soil	☐ PLM Qualitative	☐ RCRA	8 Metals	☐ RCRA 8	8 Metals	☐ Mold !	Direct Exam	
☐ 2 business days	□ Wipe	☐ 400 Point Count	☐ Chron	nium VI	☐ Full TC		☐ Allerge		
☑ 3 business days	■ Bulk	☐ 1000 Point Count	☐ Mercu	ıry	(w/ organics 10	D Day)		ub-Contra	ct
☐ 5 business days	☐ Waste Water	☐ Gravimetric Prep				* * * * * *			
* not available for all tests	☐ Ground Water	Asbestos in Air		metric	, F.	aneous	☐ TEM AHERA		
** past 3 PM the TAT will begin next business day	☐ Drinking Water	□ РСМ	.II .	1 0500	☐ Silica FTIR (7602)		☐ TEM 7402		
Please schedule rush tests in advance	☐ TSP / PM10	☐ PCM-B Rules	NIOSH 0500		☐ Silica XRD (7500)				
	<u> </u>	-							
L. Complete	Date Time	Sample Identific	ation	Wipe	Tin	ne²	Flow	Rate <sup>3</sup>	Total Air <sup>4</sup>
Sample#		塑		Wipe Area	Tin Start:	ne <sup>2</sup> Stop	Flow Start	Rate <sup>3</sup>	Total Air <sup>4</sup>
Sample#	Date Time	塑			220000000000000000000000000000000000000		The second second		Total Air <sup>4</sup>
1 2	Date Time Sampled Sampled	塑			220000000000000000000000000000000000000		The second second		Total Air <sup>4</sup>
1	Date Time Sampled Sampled	塑			220000000000000000000000000000000000000		The second second		Total Air <sup>4</sup>
1 2	Date Time Sampled Sampled	塑			220000000000000000000000000000000000000		The second second		Total Air <sup>4</sup>
1 2 3	Date Time Sampled Sampled	塑			220000000000000000000000000000000000000		The second second		Total Air <sup>4</sup>
1 2 3 4	Date Time Sampled Sampled	塑			220000000000000000000000000000000000000		The second second		Total Air <sup>4</sup>
1 2 3 4 5	Date Time Sampled Sampled	塑			220000000000000000000000000000000000000		The second second		Total Air <sup>4</sup>
1 2 3 4 5	Date Time Sampled Sampled	塑			220000000000000000000000000000000000000		The second second		Total Air <sup>4</sup>
1 2 3 4 5 6	Date Time Sampled Sampled	塑			220000000000000000000000000000000000000		The second second		Total Air <sup>4</sup>
1 2 3 4 5 6 7	Date Time Sampled Sampled	塑			220000000000000000000000000000000000000		The second second		Total Air <sup>4</sup>
1 2 3 4 5 6 7 8 9	Date Time: Sampled:	塑	rial, Type <sup>1</sup> )	Area	Start	Stop	The second second		Total Air <sup>4</sup>
1 2 3 4 5 6 7 8 9	Date Time: Sampled:	(Employee, Bldg,Mater	rial, Type <sup>1</sup> )	Area	Start  Jupilcate and spi Minute <sup>4</sup> Volu	Stop	Start:	Stop	Total Air <sup>4</sup>
1 2 3 4 5 6 7 8 9	Date Time: Sampled Sampled  Representation of the property of	(Employee, Bldg,Mater	ure enough san	Area	Start  Jupilcate and spi Minute <sup>4</sup> Volu	Stop	Start	Stop	Total Air <sup>4</sup>



TO A COMPANY OF THE PROPERTY O	_									
Submitting Co.	Harenda l	Manageme	ent Group	State of Collection	WI		Cert. Required	☐ YES	NO	
1237 West Bruce St	reet			Acct.#	5065		Phone	(4	14) 647-153	30
Milwaukee, WI 5320	)4		•	Email	dean.jacol	osen@kphe	environmen	mtal.com		
Project Name				PO #		·				
Project Location	Wisconsir	n		Special Insti	uctions:					
Project Number	19-400-0	37.3286				,		,		
Collected By		· ·	·							
Turn Around Time **	Ma	trix	Tests/A	nalytes (	Select ALL th	at Apply) Bla	ank spaces ar	e for additio	nal analytes	
□ 2 Hour *	☐ Air		Asbestos in Bulk	Metal	s Total	TC	LP	N	/licrobiolog	y
☐ Same day *	☐ Paint		■ PLM	☐ Lead		☐ Lead		☐ BACT (	MPN/PA)	
☐ 1 business day	□ Soil	,	☐ PLM Qualitative	☐ RCRA	8 Metals	☐ RCRA	8 Metals	☐ Mold I	Dir <b>e</b> ct Exam	
☐ 2 business days	☐ Wipe		☐ 400 Point Count	☐ Chrom	nium VI	☐ Full TC		☐ Allerge		
☑ 3 business days	■ Bulk		☐ 1000 Point Count		ıry .	(w/ organics 1	o Day)		ub-Contrac	:t
☐ 5 business days	☐ Wast		☐ Gravimetric Prep		5 E - 144		No. Train.	☐ TEM C		
* not available for all tests  ** past 3 PM the TAT will begin		nd Water	Asbestos in Air	— Total	metric		aneous	☐ TEM AHERA		
next business day	□ Drink	ing Water	☐ PCM ☐ PCM-B Rules	☐ Total Dust ☐ Silica FTIR (7602) ☐ Resp. Dust ☐ NIOSH 0600 ☐ ☐		☐ TEM 7402 ☐ Silica XRD (7500)				
Please schedule rush tests in advance		FIVITO	PCIVI-B Rules	□ NIOSH	1 0600				(1500)°	
		-		II .		II				
	Date:	Time	Sample Identific	ation	Wipe	Tir	ne²	Flow	Rate <sup>3</sup>	4
Sample #	Date Sampled	Time 'Sampled	Sample Identific		Wipe Area	Tir Start	ne <sup>2</sup> Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
Sample #		Same Control of the Control	· ·		2000年100日		<b>有效的基础。不会地</b>	A CONTRACTOR OF THE SECOND	THE STREET OF STREET	Total Air <sup>4</sup>
Sample #	Sampled.	Same Control of the Control	· ·		2000年100日		<b>有效的基础。不会地</b>	A CONTRACTOR OF THE SECOND	THE STREET OF STREET	Total Air <sup>4</sup>
12	Sampled.	Same Control of the Control	· ·		2000年100日		<b>有效的基础。不会地</b>	A CONTRACTOR OF THE SECOND	THE STREET OF STREET	Total Air <sup>4</sup>
12	Sampled.	Same Control of the Control	· ·		2000年100日		<b>有效的基础。不会地</b>	A CONTRACTOR OF THE SECOND	THE STREET OF STREET	Total Air <sup>4</sup>
12	Sampled.	Same Control of the Control	· ·		2000年100日		<b>有效的基础。不会地</b>	A CONTRACTOR OF THE SECOND	THE STREET OF STREET	Total Air <sup>4</sup>
11 12 13 14	Sampled.	Same Control of the Control	· ·		2000年100日		<b>有效的基础。不会地</b>	A CONTRACTOR OF THE SECOND	THE STREET OF STREET	Total Air <sup>4</sup>
1( 12 13 19 (5	Sampled.	Same Control of the Control	· ·		2000年100日		<b>有效的基础。不会地</b>	A CONTRACTOR OF THE SECOND	THE STREET OF STREET	Total Air <sup>4</sup>
11 12 13 19 15	Sampled.	Same Control of the Control	· ·		2000年100日		<b>有效的基础。不会地</b>	A CONTRACTOR OF THE SECOND	THE STREET OF STREET	Total Air <sup>4</sup>
11 12 13 19 15 16	Sampled.	Same Control of the Control	· ·		2000年100日		<b>有效的基础。不会地</b>	A CONTRACTOR OF THE SECOND	THE STREET OF STREET	Total Air <sup>4</sup>
11 12 13 19 15 16 17	Sampled.	Same Control of the Control	· ·		2000年100日		<b>有效的基础。不会地</b>	A CONTRACTOR OF THE SECOND	THE STREET OF STREET	Total Air <sup>4</sup>
11 12 13 19 15 16 17 18 19 20	Sampled 8(7/A	Sampled For Ac	(Employee, Bldg,Mater	ial, Type <sup>1</sup> )	Area	Start	Stop Stop	Start	Stop	Total Air <sup>4</sup>
11 12 13 19 15 16 17 18 19 20	Sampled 8(7/A	Sampled	(Employee, Bldg,Mater	ial, Type <sup>1</sup> )	Area	Start  Suplicate and sp	ike analysis ime in Liters [tir	Start  ne in min × flow	Stop	Total Air <sup>4</sup>
11 12 13 19 15 16 17 18 19 20	Sampled 8(7(A)	For Acount, P=Personal	(Employee, Bldg,Mater	ure enough san	Area  apple is sent for deriod 3 Liters/	Start  Suplicate and sp Minute 4Volu Date	ike analysis ume in Liters [tir	ne in min × flov	Stop	Total Air <sup>4</sup>



Submitting Co.	Harenda Managem	State of Collection	WI		Cert. Required	☐ YES	□ NO			
1237 West Bruce Street			Acct#	5065		Phone	(414) 647-1530			
Milwaukee, WI 53204			Email dean.jacobsen@kphenvironmenmtal.com							
Project Name		PO #								
Project Location	Wisconsin	Special Instr	uctions:							
Project Number	19-400-037.3286									
Collected By				<u></u>						
Turn Around	Matrix	Tests/A	nalytes (s	Select ALL th	at Apply) Bla	ank spaces ar	e for additio	nal analytes		
□ 2 Hour *	☐ Air	Asbestos in Bulk	Metals Total		TC	LP	Microbiology		SY .	
☐ Same day *	☐ Paint	■ PLM	☐ Lead		☐ Lead		☐ BACT (MPN/PA)			
☐ 1 business day	☐ Soil	☐ PLM Qualitative	☐ RCRA 8	☐ RCRA 8 Metals		☐ RCRA 8 Metals		☐ Mold Direct Exam		
☐ 2 business days	☐ Wipe	☐ 400 Point Count	☐ Chromium VI		□ Full TC		☐ Allergens			
☑ 3 business days	■ Bulk	☐ 1000 Point Count	☐ Mercu	ry .	(w/ organics 1	0 Day)	Sub-Contract			
☐ 5 business days	☐ Waste Water	☐ Gravimetric Prep					☐ TEM C			
* not available for all tests  ** past 3 PM the TAT will begin	☐ Ground Water Asbestos in Air			metric		laneous	☐ TEM AHERA			
next business day			☐ Total [ NIOSH		LJ Silica I	FTIR (7602)	☐ TEM 7402			
Please schedule rush tests in advance	TSP / PM10	PCM-B Rules	□ Resp. I NIOSH	0600	<u> </u>		☐ Silica XRD (7500)			
Ľ		<u> </u>								
	Date Time	Sample Identifie	ention	Mine	Ti	2′	Elow	Data <sup>3</sup>		
Sample #	Date Time Sampled Sampled	Sample Identific (Employee, Bldg,Mater		Wipe Area	Tir Start	ne² Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>	
Sample#	Lacount of Participation	To the second se				MARKET THE STREET	32 St. 18	A CONTRACTOR OF THE PARTY OF TH	Total Air <sup>4</sup>	
A CONTRACTOR OF THE STATE OF TH	Sampled Sampled	To the second se				MARKET THE STREET	32 St. 18	A CONTRACTOR OF THE PARTY OF TH	Total Air <sup>4</sup>	
21	Sampled Sampled	To the second se				MARKET THE STREET	32 St. 18	A CONTRACTOR OF THE PARTY OF TH	Total Air <sup>4</sup>	
21	Sampled Sampled	To the second se				MARKET THE STREET	32 St. 18	A CONTRACTOR OF THE PARTY OF TH	Total Air <sup>4</sup>	
21 22 23	Sampled Sampled	To the second se				MARKET THE STREET	32 St. 18	A CONTRACTOR OF THE PARTY OF TH	Total Air <sup>4</sup>	
21 22 23 24	Sampled Sampled	To the second se				MARKET THE STREET	SALES AND A STATE OF THE SALES	A CONTRACTOR OF THE PARTY OF TH	Total Air <sup>4</sup>	
21 22 23 24 25	Sampled Sampled	To the second se				MARKET THE STREET	SALES AND A STATE OF THE SALES	A CONTRACTOR OF THE PARTY OF TH	Total Air <sup>4</sup>	
21 22 23 24 25 26	Sampled Sampled	To the second se				MARKET THE STREET	SALES AND A STATE OF THE SALES	A CONTRACTOR OF THE PARTY OF TH	Total Air <sup>4</sup>	
21 22 23 24 25 26 27	Sampled Sampled	To the second se				MARKET THE STREET	SALES AND A STATE OF THE SALES	A CONTRACTOR OF THE PARTY OF TH	Total Air <sup>4</sup>	
21 22 23 24 25 26 27 28	Sampled Sampled	To the second se				MARKET THE STREET	SALES AND A STATE OF THE SALES	A CONTRACTOR OF THE PARTY OF TH	Total Air <sup>4</sup>	
21 22 23 24 25 26 27 28 29 30	Sampled Sampled	(Employee, Bldg,Mater	ial, Type <sup>1</sup> )	Area	Start  Suplicate and sp	Stop	Start	Stop	Total Air <sup>4</sup>	
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State With the Minister Assessment of the Towns on Actions							Racing and property and the second				
Submitting Co.	Harenda Management Group			State of Collection	WI Cert. Required		Cert. Required	☐ YES ☐ NO			
1237 West Bruce Street			Acct#	5065 Phone			(414) 647-1530				
Milwaukee, WI 53204			Email dean.jacobsen@kphenvironmenmtal.com								
Project Name				PO #							
Project Location	Wisconsir	<u> </u>		Special Instructions:							
Project Number	19-400-03	37.3286									
Collected By											
Turn Around	- Ma	trix	Tests/A	inalytes	Select ALL th	at Apply) Bla	ank spaces a	re for additio	nal analytes		
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☐ Same day *	☐ Paint		. ■ PLM	☐ Lead		☐ Lead		☐ BACT (MPN/PA)			
☐ 1 business day	☐ Soil		☐ PLM Qualitative	☐ RCRA 8 Metals		☐ RCRA 8 Metals		☐ Mold Direct Exam			
☐ 2 business days	☐ Wipe		☐ 400 Point Count	☐ Chromium VI		☐ Full TCLP		☐ Allergens			
☑ 3 business days	■ Bulk		☐ 1000 Point Count	☐ Mercu	ıry	(w/ organics 10 Day)		Sub-Contract			
☐ 5 business days	☐ Waste	e Water	☐ Gravimetric Prep					☐ TEM Chatfield			
* not available for all tests	☐ Ground Water		Asbestos in Air		metric	Miscellaneous		☐ TEM AHERA			
** past 3 PM the TAT will begin next business day	☐ Drinking Water ☐ PCM		□ РСМ	☐ Total Dust NIOSH 0500		☐ Silica FTIR (7602)		☐ TEM 7402			
Please schedule rush tests in advance	☐ TSP / PM10 ☐ PCM-B Rüles			□ Resp. NIOSI	Dust			- ☐ Silica XRD (7500)			
Sample #	Date	Time Sampled	Sample Identific (Employee, Bldg,Mater			Time <sup>2</sup> Start Stop		Flow Rate <sup>3</sup> Start Stop		Total Air <sup>4</sup>	
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32 33 34 35 35 37 38 39 40	3(7(9)		queous and Solid samples en	sure enough sar			ume in Liters [ti	_			
32 33 34 35 35 32 37 38 39 40	8/7/19	ecos	queous and Solid samples end I, E=Excursion <sup>2</sup> Beginning/	end of Sample F	Period <sup>3</sup> Liters,	/Minute ⁴Vol	ume in Liters [ti /Time	7/19/200			



Submitting Co.	Harenda Management Group			State of Collection	WI Cert.		☐ YES ☐ NO			
1237 West Bruce St	uce Street			Acct #	5065			(414) 647-1530		
Milwaukee, WI 53204			Email	dean.jacol	osen@kphe	nvironmeni				
Project Name				PO #						
Project Location	Wisconsin			Special Inst	ructions:					
Project Number	19-400-037.3286								. 1	
Collected By										
Turn Around	Matrix Tests/A		nalytes (	Select ALL th	at Apply) Bla	ink spaces ar	e-for additio	nal analytes		
☐ 2 Hour *	□ Air		Asbestos in Bulk	Metals Total		TCLP		Microbiology		y
☐ Same day *	☐ Paint		■ PLM	☐ Lead		☐ Lead		☐ BACT (MPN/PA)		
☐ 1 business day	☐ Soil	:	☐ PLM Qualitative	☐ RCRA 8 Metals		☐ RCRA 8 Metals		☐ Mold Direct Exam		
☐ 2 business days	☐ Wipe		☐ 400 Point Count	☐ Chromium VI		☐ Full TCLP		☐ Allergens		
☑ 3 business days	■ Bulk		☐ 1000 Point Count	☐ Mercu	ıry	(w/ organics 1	0 Day)	Sub-Contract		it .
☐ 5 business days	☐ Waste V		☐ Gravimetric Prep				· · · · · · · · · · · · · · · · · · ·			4.
* not available for all tests  ** past 3 PM the TAT will begin	☐ Ground Water		Asbestos in Air		metric	Miscellaneous		☐ TEM AHERA		
next business day	□ Drinking water		□ PCM		Dust 1 0500	☐ Silica F	TIR (7602)	□ TEM 7		
Please schedule rush tests in advance	□ TSP / PM10 □		☐ PCM-B Rules	☐ Resp. Dust NIOSH 0600				☐ Silica XRD (7500)		
	<u> </u>		<u> </u>	<u> </u>						· ·
Sample #	Date	Time Sampled	Sample Identific		Wipe Area	Tir Start	ne <sup>2</sup> Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
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	Date				and the state of t	And And America		A CONTRACTOR OF THE PARTY OF TH	600	Total Air <sup>4</sup>
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Profes Processor in the Million Consents Franchis and the Consents			E-way of			acome passa			
Submitting Co.	Harenda Manageme	State of Collection	WI Cert. Required			☐ YES ☐ NO			
1237 West Bruce S	Acet#	5065 Phone			(414) 647-1530				
Milwaukee, WI 53204			Email	dean.jacol	osen@kphe	nvironmeni	mtal.com		
Project Name		PO #							
Project Location	Wisconsin	Special Inst	ructions:						
Project Number	19-400-037.3286								
Collected By			1						
Turn Around	Matrix	Tests/A	nalytes	Select All th	at Apply) Bla	ink snaces ar	e for additio	nal analytes	
Time ** □ 2 Hour *	☐ Air	Asbestos in Bulk	Metals Total		TCLP		Microbiolog		·v
☐ Same day *	☐ Paint ☐ PLM		□ Lead		☐ Lead		□ BACT (MPN/PA)		
☐ 1 business day	☐ Soil	☐ PLM Qualitative	☐ RCRA 8 Metals		☐ RCRA 8 Metals		☐ Mold Direct Exam		
☐ 2 business days	☐ Wipe	☐ 400 Point Count	☐ Chromium VI		☐ Full TCLP		☐ Allergens		
☑ 3 business days	■ Bulk	☐ 1000 Point Count			(w/ organics 10 Day)		Sub-Contract		
☐ 5 business days	□ Waste Water	☐ Gravimetric Prep					☐ TEM Chatfield		
* not available for all tests	☐ Ground Water	Asbestos in Air	Gravimetric		Miscellaneous		□ ТЕМА	HERA	
** past 3 PM the TAT will begin next business day	☐ Drinking Water	□ РСМ	☐ Total Dust NIOSH 0500		☐ Silica F	TIR (7602)	□ TEM 7	402	
Please schedule rush tests	☐ . TSP. / PM10	PCM-B-Rules		Dust 1 0600			☐ Silica XRD (7500)		
in advance				·				<u> </u>	
Sample #	Date Time Sampled Sampled	Sample Identific (Employee, Bldg,Mate		Wipe Area	Tijn Start	ne <sup>2</sup> Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air⁴
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53									
53							-		
54									
55	V			,					
			:						1
	For A	queous and Solid samples en	sure enough sa	mple is sent for				. C. was a large and a large a	
¹Type	: A=Area, B=Blank, P=Persona	I, E=Excursion <sup>2</sup> Beginning/	End of Sample I	Period <sup>3</sup> Liters	/Minute <sup>4</sup> Vol	ume in Liters [ti	<del></del>	w in L/min]	
Relinquished By:	Dean Jechste	↑ Signature:	m Jean		HARACTURE DESCRIPTION OF THE PROPERTY OF THE P	/Time	2 (19 170)		
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#### **Analysis Report**



## Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: Harenda Management Group (5065)

Address: 1237 West Bruce Street

Milwaukee, WI 53204

**Order #:** 331518

08/14/19

Received

**Analyzed** 08/14/19 **Reported** 08/19/19

Project:

Attn:

Location: Wisconsin
Number: 19-400-037.3286

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 with Point Count PLM Analysis

Sample IDCollectedCust. IDLocationAsbestos FibersOther Materials331518-00108/07/1942WisconsinLayer 1:Soft Material0.50% CHRYSOTILE99.50% NON FIBROUS MATERIAL

Brown, Soft, Homogenous

**331518-002** 08/07/19 43 Wisconsin

Layer 1: Soft Material 0.75% CHRYSOTILE 99.25% NON FIBROUS MATERIAL

Brown, Soft, Homogenous

**331518-003** 08/07/19 44 Wisconsin

Layer 1: Soft Material 0.50% CHRYSOTILE 99.50% NON FIBROUS MATERIAL

Brown, Soft, Homogenous

EPA Regulatory Limit: 1% Total layers analyzed on order: 3

Makemed Haspins

Analyst Mohammed Hashim

331518-08/19/19 04:56 PM

Reviewed By: Irma Faszewski

QAQC Director

Reporting limit: 0.25% Samples analyzed by the EPA Point Count test method. The EPA recommends that any vermiculite sample with a trace (<1) or greater amount of asbestos is a concern and should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other government agency endorsement. The test results reported relate only to the samples submitted.



## SCHNEIDER LABORATORIES GLOBAL, INC.

2512 West Cary Street, Richmond, Virginia 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475 www.slabinc.com • info@slabinc.com



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abruner 8/14/2019 9:43:21 AN UPS

Submitting Co.	Harenda	Manageme	ent Group	State of Collection	WI		Cert. Required	☐ YES	□ NO	y
1237 West Bruce St	ireet			Acct #	5065		Phone	(4	414) 647-15	30
Milwaukee, WI 5320	)4			Email	dean.jacol	bsen@kphe	environmen	<b>8</b>	······································	
Project Name		······································		PO#					<del>))                                   </del>	
Project Location	Wisconsir	1		Special Instr	uctions:	<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>		···		
Project Number	Number 19-400-037.3286		Order 3	30599			8			
Collected By	<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>	·····								
Turn Around Time **	Ma	trix	Tests/A	nalytesis	aloct All th	ar Anniul Di			onal analytes	
□ 2 Hour *	□ Air		Asbestos in Bulk	P	s Total		LP		viiai analytes Viicrobiolog	
☐ Same day.*	🗀 Paint.		□ PLM	☐ Lead		□ Lead	677.1 24. 10.10 V		(MPN/PA)	N .
☐ 1 business day	☐ Soil		☐ PEM Qualitative	☐ RCRA	Metals	□ RCRA	8 Metals		Direct Exam	
🗓 2 business days	□ Wipe		400 Point Count	☐ Chrom	ium VI	☐ Full TC	CLP .	☐ Allerg		
Ø 3 business days	■ Bulk		☐ 1000 Point Count	☐ Mercu	ry	(w/ organics 1	Q Day)	8	Sub-Contrac	त
☐ 5 business days	□ Waste	Water	☐ Gravimetric Prep	0				☐ TEM (	Chatfield	
* not available for all tests	☐ Groun	d Water	Asbestos in Air	Gravir	netric	Miscell	aneous	□ теми	AHERA	na .
** past 3 PM the TAT will begin next business day	☐ Drinki	ng Water	☐ PCM	☐ Total C NIOSH		☐ Silica F	TIR (7602)	□ ТЕМ	7402	*
Please schedule rush tests in advance	□ TSP/	PM10	☐ PCM-B Rules	□ Resp. I NIOSH	Dust 0600			□ Silica	XRD (7500)	
" dovance	<u> </u>									
				ALLE THE SECTION AND ADDRESS OF THE SECTION ADDRESS OF THE SECTION ADDRESS OF THE SECTION ADDRESS OF THE SECTION AND ADDRESS OF THE SECTION ADDRESS		***************************************				
Sample #	Date Sampled	Time Sampled	Sample Identific (Employee, Bidg,Materi		Wipe Area	Tin Start	ne <sup>2</sup> Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
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	Sampled		and the second s							Total Air <sup>4</sup>
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42 43 44	Sampled 8/7/19	Sampled	(Employee, Bldg,Materi	al, Type <sup>1</sup> j	Area	Start	Stop.	Start	Stop	Total Air <sup>4</sup>
42 43 44	8/7/19	Sampled	(Employee, Bldg,Materi	al, Type <sup>1</sup> )  Te enough Sample Per	Area  le is sent for du loid <sup>2</sup> Liters/N	Start  Start  plicate and spl	Stop	Stark  e in min × flow	Stop	Total Air <sup>4</sup>

X. LEAD LABORATORY RESULTS

#### **Analysis Report**



## Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)

1237 West Bruce Street Address:

Milwaukee, WI 53204

Attn: **Project:** 

-Location: Wisconsin

Number: 19-400-037.3286 Order #: 330594

Matrix Paint 08/08/19 Received **Analyzed** 08/08/19

08/08/19 Reported

PO Number:

		•					
Sample ID Parameter	Cust. Sample ID	Location Method	Sample Date	Weight Total µg	% / <b>W</b> t.	Conc.	RL*
330594-001	P1	Wisconsin	08/07/19	326 mg			
Lead		EPA 7000B		1340 µg	0.412 %	4120 mg/kg	153 mg/kg
330594-002	P2	Wisconsin	08/07/19	313 mg			
Lead		EPA 7000B		14.8 µg	0.00474 %	47.4 mg/kg	31.9 mg/kg
330594-003	P3	Wisconsin	08/07/19	315 mg			
Lead		EPA 7000B		18.5 µg	0.00588 %	58.8 mg/kg	31.7 mg/kg
330594-004	P4	Wisconsin	08/07/19	350 mg			
Lead		EPA 7000B		13.0 µg	0.00371 %	37.1 mg/kg	28.6 mg/kg

Analyst: DLJ

330594-08/08/19 03:20 PM

**Federal Lead Paint Statute** 

Location Clearance Unit < 0.50 Lead in paint by weight % Lead in paint as PPM < 5000 mg/kg Reviewed By: Jennifer Lee Manager

jemif Model



## SCHNEIDER LABORATORIES GLOBAL, INC.

2512 West Cary Street, Richmond, Virginia 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475 www.slabinc.com • info@slabinc.com



fghraizi UPS

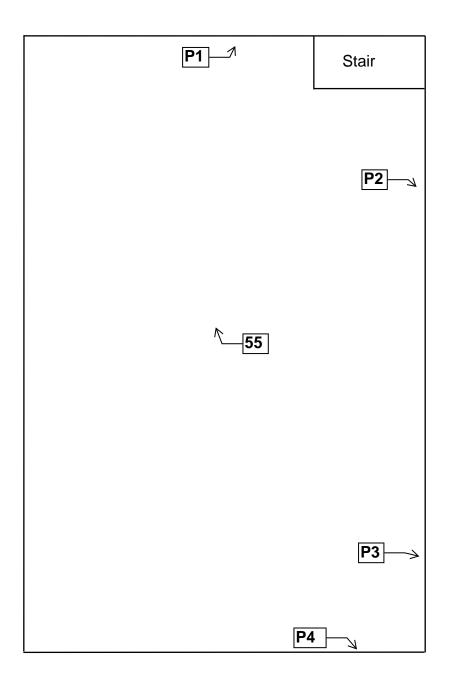
8/8/2019 9:5 5:08 AM 1Z2E2899846 39123:22

Submitting Co.	Harenda Manag	ement Group	State of	Wi		Cert.	□ VEC		1012042
1237 West Bruce S	Street		Collection Acct #	5065		Required Phone	☐ YES		
Milwaukee, WI 532	204		Email		obson@kob			(414) 647-1	530
Project Name			PO#	dcarr.jacc	bosen@kpn	environmen	imtal.com		
Project Location	Wisconsin		Special Insti	uctions					
Project Number	19-400-037.3286			uctions.					
Collected By			1						
Turn Around						Tiedlier besteht unteren einem	KOSSALOSMISTO SOUSSA		
Time ** □ 2 Hour *	Matrix □ Air	Achestas is B. II				ank spaces ar	e for additi	ional analyte:	S S
☐ Same day *	■ Paint	Asbestos in Bulk	Metals  • Lead	s Total		CLP		Microbiolo	gy
☐ 1 business day	□ Soil	☐ PLM Qualitative	□ RCRA 8		☐ Lead			(MPN/PA)	
☐ 2 business days	□ Wipe	☐ 400 Point Count	☐ Chromi		☐ RCRA			Direct Exam	
☐ 3 business days	□ Bulk	□ 1000 Point Count			(w/ organics 1		☐ Allerg		
☑ 5 business days	☐ Waste Water	☐ Gravimetric Prep		y		"	Sub-Contract   TEM Chatfield		ct
* not available for all tests	☐ Ground Water	Asbestos in Air	Gravin	netric	Miscell	aneous	☐ TEM		
** past 3 PM the TAT will begin next business day	☐ Drinking Water	□ РСМ	☐ Total D NIOSH			TIR (7602)			
Please schedule rush tests	☐ TSP / PM10	☐ PCM-B Rules	Resp. D	ust		, , , , , , ,		XRD (7500)	•
in advance	<u> </u>		-1105111		1 T 1				di interna
	Date Time	6111	T	Wipe	allegation of the state of	3.0		SMUH SCORE HER LANGUAGE AND THE	
Sample #	Date Time Sampled Sample	Sample Identifica (Employee, Bidg,Materi		Area	Tim Start		Flow Start		Total Air <sup>4</sup>
01					Tim Start	ef Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air⁴
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PI P2	Sampled Sample				A COMPANY OF THE PARKET				Total Air <sup>4</sup>
P1 P2 P3	Sampled Sampled				A COMPANY OF THE PARKET				Total Air <sup>4</sup>
PI P2	Sampled Sample				A COMPANY OF THE PARKET				Total Air <sup>4</sup>
P1 P2 P3	Sampled Sampled				A COMPANY OF THE PARKET				Total Air <sup>4</sup>
P1 P2 P3	Sampled Sampled				A COMPANY OF THE PARKET				Total Air <sup>4</sup>
P1 P2 P3	Sampled Sampled				A COMPANY OF THE PARKET				Total Air <sup>4</sup>
P1 P2 P3	Sampled Sampled				A COMPANY OF THE PARKET				Total Air <sup>4</sup>
P1 P2 P3	Sampled Sampled				A COMPANY OF THE PARKET				Total Air <sup>4</sup>
P1 P2 P3	Sampled Sampled				A COMPANY OF THE PARKET				Total Air <sup>4</sup>
P1 P2 P3	Sampled Sampled				A COMPANY OF THE PARKET				Total Air <sup>4</sup>
P1 P2 P3 P4	Sampled Sampler	(Employee, Bidg, Materi	e enough sample	Area:	Start	Stop			Total Air <sup>4</sup>
P 2 P 3 P 4 Type: A=	Sampled Sampled  Sampled For A  For A	(Employee, Bidg, Materi	al, Type <sup>1</sup> )	Area:	Start	Stop	Start	Stop	Total Air <sup>4</sup>
P   P   P   P   P   P   P   P   P   P	For A Area, B=Blank, P=Persona	(Employee, Bidg, Materi	e enough sample of Sample Perio	Area:	Start  Dicate and spike inute 4Volum	e analysis e in Liters [time ime 8/7/9)	Start	Stop	Total Air <sup>4</sup>

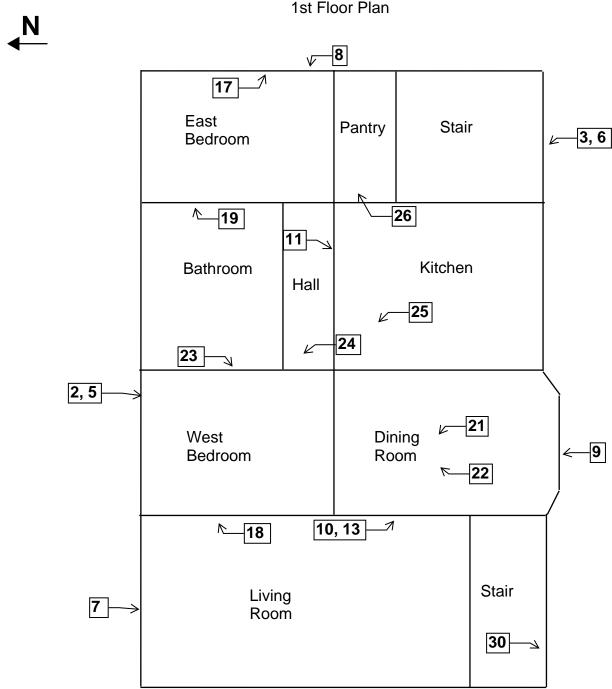
#### **XI. FLOOR PLANS**

## Basement Floor Plan





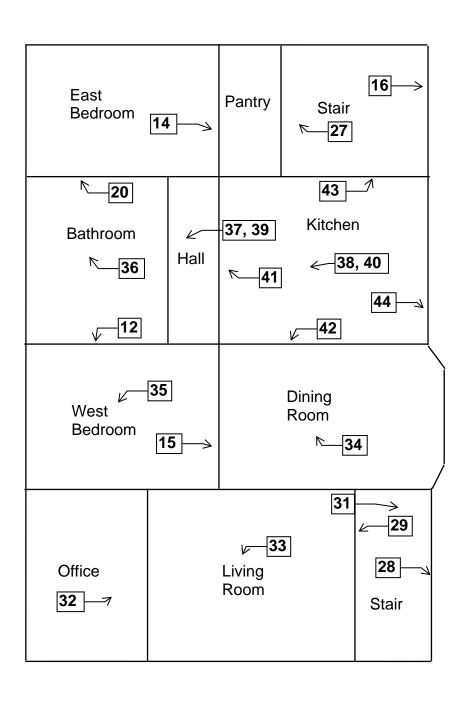
1st Floor Plan



**-1,4** 

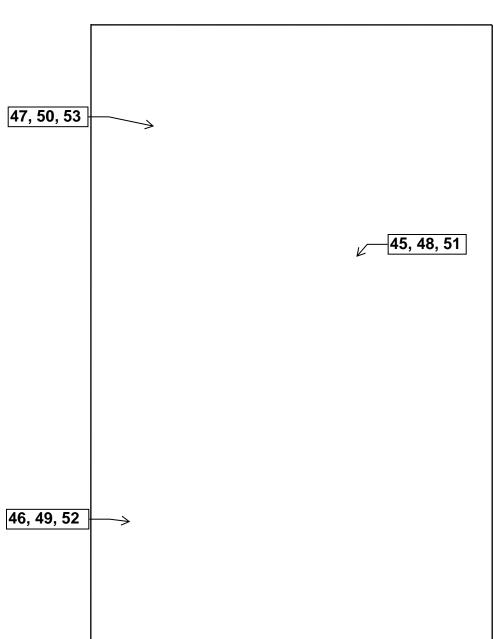
#### 2nd Floor Plan

**N** 



Roof Floor Plan





#### XII. HMG CERTIFICATION



This certifies that

## HARENDA MANAGEMENT GROUP

1237 W BRUCE ST MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

Asbestos Company -- Primary

Certificate Issue Date: 07/23/2019

Expiration Date: 08/31/2021, 12:01 a.m.

Certification #: CAP-480540

Wisconsin Department of Health Services

Division of Public Health

Bureau of Environmental and Occupational Health

Asbestos & Lead Section

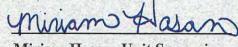
PO Box 2659

Madison WI 53701-2659

Phone: (608) 261-6876







Miriam Hasan, Unit Supervisor

1 WEST WILSON STREET

P O BOX 2659 MADISON WI 53701-2659

Telephone: 608 266-1251 FAX: 608 267-2832 TTY: 888-701-1253 dhs.wisconsin.gov

Tony Evers Governor

Andrea Palm Secretary State of Wisconsin
Department of Health Services

February 5, 2019

DAMIAN SCOTT ROGOWSKI 3536 COUNTY ROAD H FRANKSVILLE WI 53126-9211

ID# AII-161300

Congratulations! Your new Wisconsin certification card is enclosed. Please look it over and call us right away if anything on your blue card is wrong.

## Follow Wisconsin law by making sure that you:

- 1. Have your blue card with you when doing regulated work.
- 2. Work safely using the methods you learned in training.
- 3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing <a href="mailto:DHSAsbestosLead@wi.gov">DHSAsbestosLead@wi.gov</a>, by using our Lead and Asbestos Online Certification website, <a href="www.dhs.wisconsin.gov/waldo">www.dhs.wisconsin.gov/waldo</a>, or by mailing a note to:

Lead and Asbestos Section 1 W. Wilson St., Room 137 P.O. Box 2659 Madison WI 53701-2659

- 4. Take refresher training well before the "Training due by" date printed on your blue card.
  - Asbestos-certified individuals must refresh in Wisconsin no earlier than 90 days before the due date to keep the same expiration date.
     Find asbestos training providers at <a href="https://www.dhs.wisconsin.gov/asbestos">www.dhs.wisconsin.gov/asbestos</a>.
  - Lead-certified individuals can refresh up to 1 year before the due date.
     Find lead training providers at <a href="www.dhs.wisconsin.gov/lead">www.dhs.wisconsin.gov/lead</a>.
- 5. Apply to renew your card at least 1 month before the "Exp." date on your blue card.
- 6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at <a href="https://www.dhs.wisconsin.gov/lead">www.dhs.wisconsin.gov/lead</a> or <a href="https://www.dhs.wisconsin.gov/asbestos">www.dhs.wisconsin.gov/asbestos</a>.
- 7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you pr professional responsibility. Contact us if you below and on the back of your blue card.

The Lead and Asbestos Certification Program (608) 261-6876

<a href="mailto:DHSAsbestosLead@wi.gov">DHSAsbestosLead@wi.gov</a>

www.dhs.wisconsin.gov/asbestos

www.dhs.wisconsin.gov/lead

**COPY** 





## DECONSTRUCTION INSPECTION REPORT Job Site:

Two Family Dwelling 3133 North 27<sup>th</sup> Street Milwaukee, Wisconsin

For:

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1<sup>st</sup> Floor
Milwaukee, Wisconsin 53202-3613

HMG Report No.: 19-400-037.3133 Inspector: Damian Rogowski Contract No.: 360-19-0975

Prepared by:

#### HARENDA MANAGEMENT GROUP

1237 West Bruce Street Milwaukee, Wisconsin 53204 (414) 383-4800

December 2019

## Signature Page

Deconstruction Inspection Report Two Family Dwelling 3133 North 27<sup>th</sup> Street Milwaukee, Wisconsin

Dean Jacobsen

Asbestos Inspector No. AII - 14370

Expiration Date: 12/2/20 Harenda Management Group Damian Rogowski

Asbestos Inspector No. AII – 161300

Expiration Date: 3/19/20 Harenda Management Group December 27, 2019

City of Milwaukee Department of Neighborhood Services Attn: Marge Piwaron 841 North Broadway 1<sup>st</sup> Floor Milwaukee, Wisconsin 53202-3613

RE: Deconstruction Inspection Report 3133 North 27<sup>th</sup> Street

Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection two family dwelling at 3133 North 27<sup>th</sup> Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP

Dean Jacobson

Asbestos Inspector No. AII - 14370

#### **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection of the two family dwelling at 3133 North 27<sup>th</sup> Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in basement duct wrap and 1<sup>st</sup> and 2<sup>nd</sup> floor linoleum sampled during the inspection. Asbestos was detected at less than 1% in window glazing compound, exterior caulk, and 2<sup>nd</sup> floor floor tile, as verified by point count analysis. Results are in Section IV of this report.

Lead was detected in paint on the interior basement walls and exterior porch. Results are in Section V of this report.

# TABLE OF CONTENTS Deconstruction Inspection Report

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#### I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling at 3133 North 27<sup>th</sup> Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. It has vinyl and wood walls with asphalt roofing.

#### II. ASBESTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

On December 16, 2019, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 3133 North 27<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Damian Rogowski, Wisconsin License No. AII – 161300, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

- 1. A visual determination as to the extent of suspect asbestos containing materials within the building.
- 2. Sampling and documentation of observable suspect asbestos containing materials.
- 3. Quantification of observable asbestos containing materials existing within the spaces.
- 4. Sampling of suspect lead painted masonry surfaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Paper Insulation
- Window glazing compound
- Stucco
- Caulk
- Plaster
- Blown in insulation
- Linoleum
- Floor tile
- Duct wrap
- Flue packing
- Asphalt shingle siding
- Asphalt roofing

#### Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

#### III. ASBESTOS LABORATORY

#### A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crodcidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

#### IV. ASBESTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – west wall under foam – brown paper insulation	Negative	MPIn
2	Exterior – south wall under foam – brown paper insulation	Negative	MPIn
3	Exterior – east wall under foam – brown paper insulation	Negative	MPIn
4	Basement – on west window – glazing compound	Positive 2% Chrysotile	MPG
4	Point Count Result	Trace 0.5% Chrysotile	MPG
5	1st floor – on south window – glazing compound	Positive 2% Chrysotile	MPG
5	Point Count Result	Trace 0.75% Chrysotile	MPG
6	1st floor – on east window – glazing compound	Positive 2% Chrysotile	MPG
6	Point Count Result	Trace 0.5% Chrysotile	MPG

Sample #	Location and Description	Results	Homogeneous Code
7	Exterior – east wall under vinyl siding – silver paper insulation	Negative	MPIs
8	Exterior – south wall under vinyl siding – silver paper insulation	Negative	MPIs
9	Exterior – east wall under vinyl siding – silver paper insulation	Negative	MPIs
10	Exterior – on basement east wall – stucco	Negative	STC
11	Exterior – on basement east wall – stucco	Negative	STC
12	Exterior – on basement east wall – stucco	Negative	STC
13	Exterior – on southeast basement wall – tan caulk	Positive 2% Chrysotile	MCLKt
13	Point Count Result	Trace 0.5% Chrysotile	MCLKt
14	1 <sup>st</sup> floor – south center wall – plaster	Negative	SPl
15	1 <sup>st</sup> floor – front stair – north wall – plaster	Negative	SPl
16	1 <sup>st</sup> floor – rear stair – center wall – plaster	Negative	SPl
17	1 <sup>st</sup> floor – in south wall – blown in insulation	Negative	MBI
18	2 <sup>nd</sup> floor – in northwest wall – blown in insulation	Negative	MBI
19	Attic – on stair – blown in insulation	Negative	MBI
20a	1st floor – west center top layer – tan and yellow linoleum	Negative	MFLtl
20b	1st floor – west center top layer – under tan and yellow linoleum – tan mastic	Negative	MFLtl
21a	1st floor – northwest top layer – tan and yellow linoleum	Negative	MFLtl
21b	1st floor – northwest top layer – under tan and yellow linoleum – tan mastic	Negative	MFLtl
22a	1st floor – north center top layer – tan and yellow linoleum	Negative	MFLtl
22b	1st floor – north center top layer – under tan and yellow linoleum – tan mastic	Negative	MFLtl
23a	1 <sup>st</sup> floor – west center 3 <sup>rd</sup> layer – 12" white and blue floor tile	Negative	MF12wb
23b	1 <sup>st</sup> floor – west center 3 <sup>rd</sup> layer – under 12" white and blue floor tile – tan mastic	Negative	MF12wb
24a	1 <sup>st</sup> floor – northwest 3 <sup>rd</sup> layer – 12" white and blue floor tile	Negative	MF12wb
24b	1 <sup>st</sup> floor – northwest 3 <sup>rd</sup> layer – under 12" white and blue floor tile – tan mastic	Negative	MF12wb
25a	1 <sup>st</sup> floor – south center 3 <sup>rd</sup> layer – 12" white and blue floor tile	Negative	MF12wb
25b	1 <sup>st</sup> floor – south center 3 <sup>rd</sup> layer – under 12" white and blue floor tile – tan mastic	Negative	MF12wb
26a	1st floor – west center 4th layer – yellow linoleum	Negative	MFLl
26b	1 <sup>st</sup> floor – west center 4 <sup>th</sup> layer – under yellow linoleum – tan mastic	Negative	MFLI
27a	1st floor – northwest 4th layer – yellow linoleum	Negative	MFL1
27b	1 <sup>st</sup> floor – northwest 4 <sup>th</sup> layer – under yellow linoleum – tan mastic	Negative	MFL1
28a	1st floor – south center 4th layer – yellow linoleum	Negative	MFL1
28b	1 <sup>st</sup> floor – south center 4 <sup>th</sup> layer – under yellow linoleum – tan mastic	Negative	MFLI
29a	1st floor – west center 5th layer – white and brown linoleum	Positive 20% Chrysotile	MFLwn
29b	1 <sup>st</sup> floor – west center 5 <sup>th</sup> layer – under white and brown linoleum – tan mastic	Negative	MFLwn
30a	1st floor – northwest 5th layer – white and brown linoleum	Positive 20% Chrysotile	MFLwn

Sample #	Location and Description	Results	Homogeneous Code
30b	1st floor – northwest 5th layer – under white and brown	Negative	MFLwn
	linoleum – tan mastic		
31a	1st floor – south center 5th layer – white and brown	Positive 20%	MFLwn
	linoleum	Chrysotile	
31b	1st floor – south center t 5th layer – under white and brown	Negative	MFLwn
	linoleum – tan mastic		
32a	1st floor – west center 6th layer – 9" brown and green floor	Negative	MF9ng
	tile		
32b	1st floor – west center 6th layer – under 9" brown and green	Negative	MF9ng
	floor tile – tan mastic		
33a	1st floor – northwest 6th layer – 9" brown and green floor tile	Negative	MF9ng
33b	1st floor – northwest 6th layer – under 9" brown and green	Negative	MF9ng
2.4	floor tile – tan mastic	D ::: 200/	MEL
34a	1st floor – south center 6th layer – beige and black	Positive 20%	MFLek
2.41	linoleum	Chrysotile	) (FI 1
34b	1 <sup>st</sup> floor – south center 6 <sup>th</sup> layer – under beige and black	Negative	MFLek
25	linoleum – tan mastic	Positive 20%	TDW
35	Basement – on northwest duct – duct wrap		TDW
36	Basement – on southwest duct – duct wrap	Chrysotile Positive 60%	TDW
30	Basement – on southwest duct – duct wrap	Chrysotile	IDW
37	Basement – on northeast duct – duct wrap	Positive 60%	TDW
37	Basement – on northeast duct – duct wrap	Chrysotile	IDW
38	Basement – on chimney – flue packing	Negative	TFP
39a	Exterior – attic level east wall – green asphalt shingle siding	Negative	MSSg
39a 39b	Exterior – attic level east wall – green asphalt shingle  Exterior – attic level east wall – under green asphalt shingle	Negative	MSSg
390	siding – tar layer	Negative	MSSg
39c	Exterior – attic level east wall – under tar layer – fiber layer	Negative	MSSg
40a	Exterior – attic level east wall – under tal layer – liber layer  Exterior – attic level south wall – green asphalt shingle	Negative	MSSg
<del>4</del> 0a	siding	Negative	Missg
40b	Exterior – attic level south wall – under green asphalt shingle	Negative	MSSg
100	siding – tar layer	reguire	1,1558
40c	Exterior – attic level south wall – under tar layer – fiber layer	Negative	MSSg
41a	Exterior – attic level west wall – green asphalt shingle siding	Negative	MSSg
41b	Exterior – attic level west wall – under green asphalt shingle	Negative	MSSg
110	siding – tar layer	reguire	111555
41c	Exterior – attic level west wall – under tar layer – fiber layer	Negative	MSSg
42	Roof – southwest – black asphalt shingle	Negative	MRSk
43	Roof – northeast – black asphalt shingle	Negative	MRSk
44	Roof – southeast – black asphalt shingle	Negative	MRSk
45a	2 <sup>nd</sup> floor – west center top layer – 12" tan floor tile	Negative	MF12t
45b	2 <sup>nd</sup> floor – west center top layer – under 12" tan floor tile –	Negative	MF12t
	tan mastic	1108	
46a	2 <sup>nd</sup> floor – south center top layer – 12" tan floor tile	Negative	MF12t
46b	2 <sup>nd</sup> floor – south center top layer – under 12" tan floor tile –	Negative	MF12t
	tan mastic	<i>G</i>	
46c	2 <sup>nd</sup> floor – south center 2 <sup>nd</sup> layer – beige linoleum	Negative	MFLe
46d	2 <sup>nd</sup> floor – south center 2 <sup>nd</sup> layer – under beige linoleum –	Negative	MFLe
	tan mastic	- 0	
47a	2 <sup>nd</sup> floor – north center top layer – 12" tan floor tile	Negative	MF12t
47b	2 <sup>nd</sup> floor – north center top layer – under 12" tan floor tile –	Negative	MF12t
.,0	tan mastic	1,08411,0	1,11 120

Sample #	Location and Description	Results	Homogeneous Code
48a	2 <sup>nd</sup> floor – west center 2 <sup>nd</sup> layer – yellow and brown linoleum	Positive 20% Chrysotile	MFLln
48b	2 <sup>nd</sup> floor – west center 2 <sup>nd</sup> layer – under yellow and brown linoleum – tan mastic	Negative	MFLln
49a	2 <sup>nd</sup> floor – south center 3 <sup>rd</sup> layer – yellow and brown linoleum	Positive 20% Chrysotile	MFLln
49b	2 <sup>nd</sup> floor – south center 3 <sup>rd</sup> layer – under yellow and brown linoleum – tan mastic	Negative	MFLln
50a	2 <sup>nd</sup> floor – north center 2 <sup>nd</sup> layer – yellow and brown linoleum	Positive 20% Chrysotile	MFLln
50b	2 <sup>nd</sup> floor – north center 2 <sup>nd</sup> layer – under yellow and brown linoleum – tan mastic	Negative	MFLln
51a	2 <sup>nd</sup> floor – west center 3 <sup>rd</sup> layer – 12" tan/brown/beige floor tile	Positive 2% Chrysotile	MF12tne
51a	Point Count Result	Trace 0.25% Chrysotile	MF12tne
51b	2 <sup>nd</sup> floor – south center 4 <sup>th</sup> layer – under 12" tan/brown/beige floor tile – tan mastic	Negative	MF12tne
52a	2 <sup>nd</sup> floor – south center 4 <sup>th</sup> layer – 12" tan/brown/beige floor tile	Positive 2% Chrysotile	MF12tne
52a	Point Count Result	Trace 0.5% Chrysotile	MF12tne
52b	2 <sup>nd</sup> floor – south center 4 <sup>th</sup> layer – under 12" tan/brown/beige floor tile – tan mastic	Negative	MF12tne
53a	2 <sup>nd</sup> floor – north center 3 <sup>rd</sup> layer – 12" tan/brown/beige floor tile	Positive 2% Chrysotile	MF12tne
53a	Point Count Result	Trace 0.5% Chrysotile	MF12tne
53b	2 <sup>nd</sup> floor – north center 4 <sup>th</sup> layer – under 12" tan/brown/beige floor tile – tan mastic	Negative	MF12tne
54a	2 <sup>nd</sup> floor – west center 4 <sup>th</sup> layer – tan and brown linoleum	Negative	MFLtn
54b	2 <sup>nd</sup> floor – west center 4 <sup>th</sup> layer – under tan and brown linoleum – tan mastic	Negative	MFLtn
55a	2 <sup>nd</sup> floor – south center 4 <sup>th</sup> layer – tan and brown linoleum	Negative	MFLtn
55b	2 <sup>nd</sup> floor – south center 4 <sup>th</sup> layer – under tan and brown linoleum – tan mastic	Negative	MFLtn
56a	2 <sup>nd</sup> floor – north center 4 <sup>th</sup> layer – tan and brown linoleum	Negative	MFLtn
56b	2 <sup>nd</sup> floor – north center 4 <sup>th</sup> layer – under tan and brown linoleum – tan mastic	Negative	MFLtn

Four (4) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Duct Wrap	TDW	Basement Ducts	10 SF	Friable
White & Brown Linoleum	MFLwn	1st Floor 5th Layer, Above Floor Tile	250 SF	Friable
Beige & Black Linoleum	MFLek	1st Floor South Center Bottom Layer	120 SF	Friable
Yellow & Brown Linoleum	MFLln	2 <sup>nd</sup> Floor 2 <sup>nd</sup> /3 <sup>rd</sup> Layer, Under Floor Tile	250 SF	Friable

Note #1: The ACMs listed above are friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that these materials be abated prior to deconstruction.

**Note#2:** If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

**Note#3:** A copy of this report should be transmitted to the deconstruction contractor.

Note#4: Additional duct wrap may be within walls and ceilings.

#### **Homogeneous Material Codes**

SPl	Plaster
STC	Stucco

MPIn Brown Paper Insulation
MPIs Silver Paper Insulation
MPG Window Glazing Compound

MCLKt Tan Caulk

MBI Blown in Insulation
MFLtl Tan & Yellow Linoleum
MFLl Yellow Linoleum
MFLwn White & brown Linoleum

MFLek Beige & Black Linoleum
MFLln Yellow & Brown Linoleum

MFLe Beige Linoleum

MFLtn Tan & Brown Linoleum MF12wb 12" White & Blue Floor Tile

MF12t 12" Tan Floor Tile

MF12tne 12" Tan/Brown/Beige Floor Tile
MF9ng 9" Brown & Green Floor Tile
MSSg Green Asphalt Shingle Siding
MRSk Black Asphalt Roof Shingle
MRSrg Red & Green Asphalt Shingle

TDW Duct Wrap TFP Flue Packing

#### V. LEAD PAINT INSPECTION

#### A. Methods

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 3133 North 27<sup>th</sup> Street, Milwaukee, Wisconsin, took place on December 16, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

#### **B.** Component Testing Results

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section X.

Interior: 3133 North 27th Street, Milwaukee, Wisconsin

• Painted masonry was observed on the interior block walls. Lead based paint was not detected.

Exterior: 3133 North 27th Street, Milwaukee, Wisconsin

• Painted masonry was observed on the exterior porch. Lead based paint was not detected.

The following are the laboratory results.

Site: 3133 North 27th Street, Milwaukee, Wisconsin

Site: 5155 North 27 Street, Milwauket, Wisconsin				Du	tc. 12/10/17
Paint Testing Results					
Sample	Room	Component	Substrate	Color	Result (% Lead)
P01	Exterior	East Porch	Block	White	0.0174
P02	Basement	North Wall	Block	Yellow	0.0792

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and https://www.osha.gov/SLTC/lead/index.html for regulatory requirements.

Date: 12/16/19

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

#### VI. EXCLUSIONS

Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

#### VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos and paint testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.

#### VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

#### **ASBESTOS**

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.

#### **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

N/A	Air Conditioners (roof top, room, and central)
N/A	Dehumidifiers
<u>N/A</u>	Heat Pumps
N/A	Refrigerators, Freezers, Chillers
N/A	Vending Machines, Food Display Cases
N/A	Walk-in Coolers
N/A	Water Fountains (bubblers)
N/A	Fire Extinguishers (both portable and installed HALON suppression systems)
N/A	Water Coolers

#### LEAD

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

#### **MERCURY**

Products that may contain mercury:

#### LIGHTING

N/A Fluorescent Lights

N/A High Intensity Discharge

-Metal Halide

-High Pressure Sodium

-Mercury Vapor

N/A Neon

N/A Switches for lighting using mercury relays

-Look for any control associated with exterior or automated

lighting systems such as "Silent" wall switches.

#### **HVAC**

Check thermostats and any control associated with air handling units for switches containing mercury.

#### HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

<u>N/A</u> Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

# BOILERS, **FURNACES**, **HEATERS** AND TANKS – 2 Furnaces & 2 Water Heaters in Basement

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

	N/A	Load Meters and Supply Relays
	N/A	Phase Splitters
	N/A	Microwave Relays
	N/A	Mercury Displacement Relays
PCBs an	d should be n 'PCB Free".	manufactured prior to 1987, it is safe to assume that they contain nanaged accordingly. Most equipment manufactured after this time The following is a list of areas in a building where PCBs may be
_	N/A	Transformers
_	N/A	Capacitors (appliances, electronic equipment)
_	N/A	Heat Transfer Equipment
_	N/A	Ballasts
_	N/A	Specialty Paints (such as for swimming pools or other industrial
_	N/A	applications) Sumps or Oil Traps (in maintenance and industrial facilities)
OTHER	ENVIRON	MENTAL ISSUES
_	N/A	Hazardous Waste
	N/A	Oil Tanks
_	N/A	Well Abandonment
_	N/A	Junk Auto Tires
_	N/A	Junk Vehicles

**ELECTRICAL SYSTEMS – 1 Electrical Box in Basement** 

<sup>\* 2</sup> Gas Meters & 50 Gallons Paint in Basement

## IX. ASBESTOS LABORATORY RESULTS

#### **Analysis Report**



## Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Order #:

351512

Customer: Harenda Management Group (5065)

Address: 1237 West Bruce Street

Milwaukee, WI 53204

 Attn:
 Received
 12/17/19

 Analyzed
 12/17/19

 Reported
 12/18/19

Project:

-Location: Wisconsin -Number: 19-400-037.3133

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

wetnoa:	EPA 600/F	(-93/116 & 40	CFR App. E Sub. E Pt.	763 PLM	Anaiysis
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
351512-001	12/16/19	1	Wisconsin		
Layer 1:	Paper			None Detected	65% CELLULOSE FIBER
Beige, F	ibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
351512-002	12/16/19	2	Wisconsin		
Layer 1:	Paper			None Detected	65% CELLULOSE FIBER
Beige, F	ibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
351512-003	12/16/19	3	Wisconsin		
Layer 1:	Paper			None Detected	65% CELLULOSE FIBER
Beige, F	ibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
351512-004	12/16/19	4	Wisconsin		
Layer 1:	Granular	Material		2% CHRYSOTILE	98% NON FIBROUS MATERIAL
Beige/G	reen, Gran	ular			
351512-005	12/16/19	5	Wisconsin		
Layer 1:	Granular	Material		2% CHRYSOTILE	98% NON FIBROUS MATERIAL
Beige/G	reen, Gran	ular			
351512-006	12/16/19	6	Wisconsin		
Layer 1: Beige/G	Granular reen, Gran			2% CHRYSOTILE	98% NON FIBROUS MATERIAL
351512-007	12/16/19	7	Wisconsin		
Layer 1:	Paper			None Detected	65% CELLULOSE FIBER
Black/Si	Iver, Fibrou	ıs			15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
351512-008	12/16/19	8	Wisconsin		
Layer 1:	Paper			None Detected	65% CELLULOSE FIBER
Black/Si	Iver, Fibrou	ıs			15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL

-Location: Wisconsin -Number: 19-400-037.3133

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

wethod:	EPA 600/F	K-93/116 & 40 (	JFR App. E Sub. E Pt.	/b3 PLM	Analysis
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
351512-009	12/16/19	9	Wisconsin		
Layer 1:	Paper			None Detected	65% CELLULOSE FIBER
Black/Si	lver, Fibrοι	ıs			15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
351512-010	12/16/19	10	Wisconsin		
Layer 1:	Hard Mat	erial		None Detected	100% NON FIBROUS MATERIAL
Beige, F	lard				
351512-011	12/16/19	11	Wisconsin		
Layer 1:	Hard Mat	terial		None Detected	100% NON FIBROUS MATERIAL
Beige, F	lard				
351512-012	12/16/19	12	Wisconsin		
Layer 1:	Hard Mat	erial		None Detected	100% NON FIBROUS MATERIAL
Beige, F	lard				
351512-013	12/16/19	13	Wisconsin		
Layer 1:	Granular	Material		2% CHRYSOTILE	98% NON FIBROUS MATERIAL
Beige, G	Granular				
351512-014	12/16/19	14	Wisconsin		
Layer 1:	Hard Mat	terial		None Detected	100% NON FIBROUS MATERIAL
Beige, F	lard				
351512-015	12/16/19	15	Wisconsin		
Layer 1:	Hard Mat	terial		None Detected	100% NON FIBROUS MATERIAL
-	ack, Hard				
J	,				
351512-016	12/16/19	16	Wisconsin		
Layer 1:	Hard Mat	terial		None Detected	100% NON FIBROUS MATERIAL
Beige, F					
- 2.52, 1					
351512-017	12/16/19	17	Wisconsin		
Layer 1:	Insulation			None Detected	65% CELLULOSE FIBER
Beige, F		•			15% MINERAL/GLASS WOOL
- 2.52, 1					20% NON FIBROUS MATERIAL
351512-018	12/16/19	18	Wisconsin		
Layer 1:	Insulation		VV IOOOTIOII I	None Detected	65% CELLULOSE FIBER
Beige, F		•		Hone Beleeted	15% MINERAL/GLASS WOOL
Daige, I	ibious				20% NON FIBROUS MATERIAL
					20% INOIN FIDROUS WATERIAL

-Location: Wisconsin

Number: 19-400-037.3133

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

weinou.	LFA 000/F	1-93/110 & 40 CFK	App. E 3ub. E Ft. 703	PLIVI AIIaiy	y515	
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
351512-019	12/16/19	19	Wisconsin			
Layer 1:	Insulation	1		None Detected	65%	CELLULOSE FIBER
Beige, F	ibrous				15%	MINERAL/GLASS WOOL
					20%	NON FIBROUS MATERIAL
351512-020	12/16/19	20	Wisconsin			
Layer 1:	Tile			None Detected	5%	CELLULOSE FIBER
Beige, 0	Organically	Bound			95%	NON FIBROUS MATERIAL
Layer 2:	Mastic			None Detected	100%	NON FIBROUS MATERIAL
Tan, So						
,						
351512-021	12/16/19	21	Wisconsin			
Layer 1:	Tile			None Detected	5%	CELLULOSE FIBER
Beige, (	Organically	Bound			95%	NON FIBROUS MATERIAL
Layer 2:	Mastic			None Detected	100%	NON FIBROUS MATERIAL
Tan, So						
- ,						
351512-022	12/16/19	22	Wisconsin			
Layer 1:	Tile			None Detected	3%	CELLULOSE FIBER
Cream,	Organically	/ Bound			97%	NON FIBROUS MATERIAL
Layer 2:	Mastic			None Detected	100%	NON FIBROUS MATERIAL
Brown,	Soft					
,						
351512-023	12/16/19	23	Wisconsin			
Layer 1:	Tile			None Detected	100%	NON FIBROUS MATERIAL
•	te, Organic	ally Bound				
	, 0					
Layer 2:	Mastic			None Detected	100%	NON FIBROUS MATERIAL
Tan, So					10070	NOIVI IBROOD WATERWAL
1411, 00						
351512-024	12/16/19	24	Wisconsin			
Layer 1:	Tile			None Detected	100%	NON FIBROUS MATERIAL
•	_	cally Bound			. 55 /0	
************	, ວາສູດເຄ	July 200110				
Layer 2:	Mastic			None Detected	1000/	NON FIBROUS MATERIAL
•				Notice Delected	100%	INOIN FIDROUS IVIATERIAL
Tan, So	III.					

Location: Wisconsin

Number: 19-400-037.3133

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

wiethou.	LI A 000/F	1-33/110 & 40	CER App. E Sub. E Ft. 7	OS PLIVI AI	iiaiysis	
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
351512-025	12/16/19	25	Wisconsin			
Layer 1:	Tile			None Detected	100%	NON FIBROUS MATERIAL
Off Whi	te, Organic	ally Bound				
Layer 2:	Mastic			None Detected	100%	NON FIBROUS MATERIAL
Tan, So	ft					
351512-026	12/16/19	26	Wisconsin			
Layer 1:	Tile			None Detected	40%	MINERAL/GLASS WOOL
Beige, C	Org.Bound/	Fibrous			60%	NON FIBROUS MATERIAL
Sample	was inho	mogenous, s	subsamples of each con	nponent were analyzed separate	ly.	
Layer 2:	Mastic			None Detected	100%	NON FIBROUS MATERIAL
Tan, So	ft					
351512-027	12/16/19	27	Wisconsin			
Layer 1:	Tile			None Detected		MINERAL/GLASS WOOL
Tan, Or	g.Bound/Fi	brous			60%	NON FIBROUS MATERIAL
•		mogenous, s	subsamples of each con	nponent were analyzed separate	•	
Layer 2:	Mastic			None Detected	100%	NON FIBROUS MATERIAL
Brown,	Brittle					
254542.000	40/40/40	20	Missansia			
351512-028	12/16/19 Tile	28	Wisconsin	None Detected	400/	MINERAL/GLASS WOOL
Layer 1:	g.Bound/Fi	broue		None Detected		NON FIBROUS MATERIAL
ran, On	g.bound/i	bious			00 /0	NON I IBROOS WATERIAL
Samala	was inha	modenous d	cubeamples of each com	nponent were analyzed separate	lv	
Layer 2:	Mastic	nogenous, s	subsamples of each con	None Detected	•	NON FIBROUS MATERIAL
Tan, So				None Detected	100%	NON FIBROUS WATERIAL
Tall, 30	11					
351512-029	12/16/19	29	Wisconsin			
Layer 1:	Tile			20% CHRYSOTILE	20%	CELLULOSE FIBER
	Org.Bound/	Fibrous		- / · · · · · · · ·		MINERAL/GLASS WOOL
_ 0.50, \		<del>-</del>				NON FIBROUS MATERIAL
Sample	was inho	modenous s	subsamples of each com	nponent were analyzed separate	lv.	
Layer 2:	Mastic	9011043, 3	and ampiece of each con	None Detected	•	NON FIBROUS MATERIAL
Tan, So				2 2.33.00	10070	
1 411, 00						

Location: Wisconsin
Number: 19-400-037.3133

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 PLM Analysis

	Other Materials
Layer 1: Tile 20% CHRYSOTILE 20%	
<u></u>	
Reige Org Round/Fibrous 10 <sup>o</sup>	% CELLULOSE FIBER
beige, Org. Bourtain Ibrous	% MINERAL/GLASS WOOL
50%	% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.	
Layer 2: Mastic None Detected 100%	% NON FIBROUS MATERIAL
Tan, Soft	
<b>51512-031</b> 12/16/19 31 Wisconsin	
Layer 1: Tile 20% CHRYSOTILE 20%	% CELLULOSE FIBER
Beige, Org.Bound/Fibrous	% MINERAL/GLASS WOOL
50%	% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.	
	% NON FIBROUS MATERIAL
Tan, Soft	
51512-032 12/16/19 32 Wisconsin	
- 7 -	% CELLULOSE FIBER
	% MINERAL/GLASS WOOL
50%	% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.	
· <b>,</b> ·	% NON FIBROUS MATERIAL
Layer 2: Mastic None Detected 1009 Tan, Soft	% NON FIBROUS MATERIAL
Tan, Soft	% NON FIBROUS MATERIAL
Tan, Soft  51512-033	% NON FIBROUS MATERIAL
Tan, Soft  51512-033 12/16/19 33 Wisconsin  Layer 1: Tile None Detected 35%	
Tan, Soft  51512-033 12/16/19 33 Wisconsin  Layer 1: Tile None Detected 359 Green/Black, Org.Bound/Fibrous 159	% CELLULOSE FIBER
Tan, Soft  #51512-033 12/16/19 33 Wisconsin  Layer 1: Tile None Detected 359 Green/Black, Org.Bound/Fibrous 159	% CELLULOSE FIBER % MINERAL/GLASS WOOL
Tan, Soft  151512-033 12/16/19 33 Wisconsin  Layer 1: Tile None Detected 359 Green/Black, Org.Bound/Fibrous 159 Sample was inhomogenous, subsamples of each component were analyzed separately.	% CELLULOSE FIBER % MINERAL/GLASS WOOL
Tan, Soft  51512-033 12/16/19 33 Wisconsin  Layer 1: Tile None Detected 359 Green/Black, Org.Bound/Fibrous 159 Sample was inhomogenous, subsamples of each component were analyzed separately.	% CELLULOSE FIBER % MINERAL/GLASS WOOL % NON FIBROUS MATERIAL
Tan, Soft    Sample was inhomogenous, subsamples of each component were analyzed separately.   Layer 2: Mastic   None Detected   1009   Tan, Soft   Tan, Sof	% CELLULOSE FIBER % MINERAL/GLASS WOOL % NON FIBROUS MATERIAL
Tan, Soft  #51512-033 12/16/19 33 Wisconsin  Layer 1: Tile None Detected 359 Green/Black, Org.Bound/Fibrous 159  Sample was inhomogenous, subsamples of each component were analyzed separately.  Layer 2: Mastic None Detected 1009 Tan, Soft  #51512-034 12/16/19 34 Wisconsin	% CELLULOSE FIBER % MINERAL/GLASS WOOL % NON FIBROUS MATERIAL
Tan, Soft    S1512-033   12/16/19   33   Wisconsin     Layer 1: Tile	% CELLULOSE FIBER % MINERAL/GLASS WOOL % NON FIBROUS MATERIAL % NON FIBROUS MATERIAL
Tan, Soft  51512-033 12/16/19 33 Wisconsin  Layer 1: Tile None Detected 359 Green/Black, Org.Bound/Fibrous 159 Sample was inhomogenous, subsamples of each component were analyzed separately.  Layer 2: Mastic None Detected 1009 Tan, Soft  51512-034 12/16/19 34 Wisconsin  Layer 1: Tile 20% CHRYSOTILE 209 Beige/Black, Org.Bound/Fibrous 109	% CELLULOSE FIBER % MINERAL/GLASS WOOL % NON FIBROUS MATERIAL % NON FIBROUS MATERIAL % CELLULOSE FIBER
Tan, Soft  51512-033 12/16/19 33 Wisconsin  Layer 1: Tile None Detected 359 Green/Black, Org.Bound/Fibrous 159  Sample was inhomogenous, subsamples of each component were analyzed separately.  Layer 2: Mastic None Detected 1009 Tan, Soft  51512-034 12/16/19 34 Wisconsin  Layer 1: Tile 20% CHRYSOTILE 209 Beige/Black, Org.Bound/Fibrous 109  509	% CELLULOSE FIBER % MINERAL/GLASS WOOL % NON FIBROUS MATERIAL % NON FIBROUS MATERIAL % CELLULOSE FIBER % MINERAL/GLASS WOOL
Tan, Soft    Sistification   S	% CELLULOSE FIBER % MINERAL/GLASS WOOL % NON FIBROUS MATERIAL % NON FIBROUS MATERIAL % CELLULOSE FIBER % MINERAL/GLASS WOOL

Location: Wisconsin 19-400-037.3133

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

			1171pp. 2 Odb. 21		laryoro	
Sample ID	Collected		Location	Asbestos Fibers		Other Materials
351512-035	12/16/19	35	Wisconsin			
Layer 1:	Insulation	1		20% CHRYSOTILE		CELLULOSE FIBER
White, F	ibrous				10%	MINERAL/GLASS WOOL
					50%	NON FIBROUS MATERIAL
351512-036	12/16/19	36	Wisconsin			
Layer 1:	Insulation	1		60% CHRYSOTILE	20%	CELLULOSE FIBER
White, F	ibrous				10%	MINERAL/GLASS WOOL
					10%	NON FIBROUS MATERIAL
351512-037	12/16/19	37	Wisconsin			
Layer 1:	Insulation	1		60% CHRYSOTILE	20%	CELLULOSE FIBER
White, F	ibrous				10%	MINERAL/GLASS WOOL
					10%	NON FIBROUS MATERIAL
351512-038	12/16/19	38	Wisconsin			
Layer 1:	Hard Mat	erial		None Detected	100%	NON FIBROUS MATERIAL
Beige, F	lard					
351512-039	12/16/19	39	Wisconsin			
Layer 1:	Shingle			None Detected	5%	CELLULOSE FIBER
Black/G	reen, Bitum	inous/Granular			5%	MINERAL/GLASS WOOL
					90%	NON FIBROUS MATERIAL
Sample	was inhor	nogenous, subs	amples of each c	omponent were analyzed separatel	ly.	
Layer 2:		us Material	•	None Detected	-	CELLULOSE FIBER
Black, B	ituminous				98%	NON FIBROUS MATERIAL
•						
Laver 3:	Fibrous N	Material		None Detected	70%	CELLULOSE FIBER
Beige, F						NON FIBROUS MATERIAL
3 - 7						
351512-040	12/16/19	40	Wisconsin			
Layer 1:	Shingle			None Detected	5%	CELLULOSE FIBER
	reen, Bitum	inous/Granular			5%	MINERAL/GLASS WOOL
	•				90%	NON FIBROUS MATERIAL
Sample	was inhor	nogenous, subs	samples of each c	omponent were analyzed separatel	lv.	
Laver 2:		us Material	.ap.00 01 00011 0	None Detected	-	CELLULOSE FIBER
,	ituminous	20 Matorial		25.55654		NON FIBROUS MATERIAL
Diack, D					30 /0	TOTAL IDICOCO MATERIAL
Laver 3:	Fibrous N	Natorial		None Detected	700/	CELLULOSE FIBER
Layer 3:		iai <del>c</del> iiai		None Detected		NON FIBROUS MATERIAL
Black, F	เมเบนร				ას%	NON FIDROUS WATERIAL

Location: Wisconsin

Number: 19-400-037.3133

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
351512-041	12/16/19	41	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
Black, E	3ituminous/	Granular			5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample	was inho	mogenous,	subsamples of each co	omponent were analyzed separat	ely.
Layer 2:		us Material	•	None Detected	2% CELLULOSE FIBER
Black, E	Bituminous				98% NON FIBROUS MATERIAL
Layer 3:	Fibrous N	Material		None Detected	70% CELLULOSE FIBER
Beige, F	Fibrous				30% NON FIBROUS MATERIAL
351512-042	12/16/19	42	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
•	Bituminous/	Granular			5% MINERAL/GLASS WOOL
,					90% NON FIBROUS MATERIAL
Sample	was inho	modenous	subsamples of each co	omponent were analyzed separat	elv
351512-043	12/16/19	43	Wisconsin	mponone moro anaryzou coparar	
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
Black, E	3ituminous/	Granular			5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample	was inho	mogenous,	subsamples of each co	omponent were analyzed separat	ely.
351512-044	12/16/19	44	Wisconsin	-	•
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
Black, E	3ituminous/	Granular			5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample	was inho	mogenous,	subsamples of each co	omponent were analyzed separat	ely.
351512 <b>-</b> 045	12/16/19	45	Wisconsin		•
Layer 1:	Tile			None Detected	100% NON FIBROUS MATERIAL
Off Whi	te, Organic	ally Bound			
Laves O:	Mest:-			None Detected	4000/ NON FIREQUE MATERIAL
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
Tan, So	π				

Location: Wisconsin

Number: 19-400-037.3133

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
351512-046	12/16/19	46	Wisconsin	Aspestos i ibers	Other Materials
	Tile	40	WISCOTISHT	None Detected	100% NON FIBROUS MATERIAL
Layer 1:	_	ally Pound		None Detected	100% NON FIBROUS WATERIAL
Oli Will	te, Organic	ally Bound			
l 0:	M4:-			None Detected	4000/ NON FIREQUE MATERIAL
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
Tan, So	OΠ				
Lavor 2:	Tilo			None Detected	350/ CELLII OSE FIRED
Layer 3:	Tile	Tibraua		None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL
beige, (	Org.Bound/	ribious			50% NON FIBROUS MATERIAL
•		mogenous, sub	samples of each co	omponent were analyzed separa	•
Layer 4:	Mastic			None Detected	100% NON FIBROUS MATERIAL
Tan, So	oft				
254542.047	10/16/10	47	Wisconsin		
351512-047	12/16/19 Tile	47	WISCONSIN	None Detected	35% CELLULOSE FIBER
Layer 1:	_			None Detected	
עסומס (	Ora Dound	Eibroug			160/ MINIEDAL/CLASS M/OOL
Beige, (	Org.Bound/	Fibrous			15% MINERAL/GLASS WOOL
_	_				50% NON FIBROUS MATERIAL
Sample	was inho		samples of each co	omponent were analyzed separa	50% NON FIBROUS MATERIAL ately.
Sample Layer 2:	was inho Mastic		samples of each co	omponent were analyzed separa None Detected	50% NON FIBROUS MATERIAL
Sample	was inho Mastic		samples of each co	•	50% NON FIBROUS MATERIAL ately.
Sample Layer 2: Tan, So	e was inho Mastic ft	mogenous, sub		•	50% NON FIBROUS MATERIAL ately.
<b>Sample</b> Layer 2: Tan, So	was inho Mastic oft 12/16/19		samples of each co	•	50% NON FIBROUS MATERIAL  100% NON FIBROUS MATERIAL
<b>Sample</b> Layer 2: Tan, So  351512-048  Layer 1:	was inho Mastic oft  12/16/19 Tile	mogenous, sub		None Detected	50% NON FIBROUS MATERIAL  100% NON FIBROUS MATERIAL  20% CELLULOSE FIBER
<b>Sample</b> Layer 2: Tan, So  351512-048  Layer 1:	was inho Mastic oft  12/16/19 Tile	mogenous, sub		None Detected	50% NON FIBROUS MATERIAL  100% NON FIBROUS MATERIAL  20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL
Sample Layer 2: Tan, So 351512-048 Layer 1: Beige/B	Mastic oft  12/16/19 Tile Brown, Org.	48 Bound/Fibrous	Wisconsin	None Detected  20% CHRYSOTILE	50% NON FIBROUS MATERIAL  100% NON FIBROUS MATERIAL  20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample Layer 2: Tan, So 351512-048 Layer 1: Beige/B	was inho Mastic oft  12/16/19 Tile Brown, Org.	48 Bound/Fibrous	Wisconsin	None Detected  20% CHRYSOTILE  pomponent were analyzed separa	50% NON FIBROUS MATERIAL  100% NON FIBROUS MATERIAL  20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL  ately.
Sample Layer 2: Tan, So  351512-048 Layer 1: Beige/B  Sample Layer 2:	was inho Mastic oft  12/16/19 Tile Brown, Org. was inho Mastic	48 Bound/Fibrous	Wisconsin	None Detected  20% CHRYSOTILE	50% NON FIBROUS MATERIAL  100% NON FIBROUS MATERIAL  20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample Layer 2: Tan, So 351512-048 Layer 1: Beige/B	was inho Mastic oft  12/16/19 Tile Brown, Org. was inho Mastic	48 Bound/Fibrous	Wisconsin	None Detected  20% CHRYSOTILE  pomponent were analyzed separa	50% NON FIBROUS MATERIAL  100% NON FIBROUS MATERIAL  20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL  ately.
Sample Layer 2: Tan, So  351512-048  Layer 1: Beige/B  Sample Layer 2: Tan, So	was inho Mastic oft  12/16/19 Tile Frown, Org. was inho Mastic oft	48 Bound/Fibrous	Wisconsin Samples of each co	None Detected  20% CHRYSOTILE  pomponent were analyzed separa	50% NON FIBROUS MATERIAL  100% NON FIBROUS MATERIAL  20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL  ately.
Sample Layer 2: Tan, So  351512-048 Layer 1: Beige/B  Sample Layer 2: Tan, So  351512-049	was inho Mastic oft  12/16/19 Tile Brown, Org. was inho Mastic	48 Bound/Fibrous	Wisconsin	None Detected  20% CHRYSOTILE  pomponent were analyzed separa	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL  ately.  100% NON FIBROUS MATERIAL
Sample Layer 2: Tan, So  351512-048 Layer 1: Beige/B  Sample Layer 2: Tan, So  351512-049 Layer 1:	was inho Mastic oft  12/16/19 Tile Brown, Org. was inho Mastic oft  12/16/19 Tile	48 Bound/Fibrous mogenous, sub	Wisconsin Samples of each co	None Detected  20% CHRYSOTILE  Description of the content of the c	20% CELLULOSE FIBER 100% NON FIBROUS MATERIAL  20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL  100% NON FIBROUS MATERIAL  20% CELLULOSE FIBER
Sample Layer 2: Tan, So  351512-048 Layer 1: Beige/B  Sample Layer 2: Tan, So  351512-049 Layer 1:	was inho Mastic oft  12/16/19 Tile Brown, Org. was inho Mastic oft  12/16/19 Tile	48 Bound/Fibrous	Wisconsin Samples of each co	None Detected  20% CHRYSOTILE  Description of the content of the c	20% CELLULOSE FIBER 100% NON FIBROUS MATERIAL  20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL  100% NON FIBROUS MATERIAL  20% CELLULOSE FIBER 10% METAL FOIL
Sample Layer 2: Tan, So  351512-048 Layer 1: Beige/B  Sample Layer 2: Tan, So  351512-049  Layer 1: Beige/B	was inho Mastic oft  12/16/19 Tile Brown, Org.  was inho Mastic oft  12/16/19 Tile Brown, Org.	48 Bound/Fibrous mogenous, sub 49 Bound/Fibrous	Wisconsin samples of each co	20% CHRYSOTILE  Description of the control of the c	20% CELLULOSE FIBER 100% NON FIBROUS MATERIAL  20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL  100% NON FIBROUS MATERIAL  20% CELLULOSE FIBER 10% METAL FOIL 50% NON FIBROUS MATERIAL
Sample Layer 2: Tan, So  351512-048 Layer 1: Beige/B  Sample Layer 2: Tan, So  351512-049 Layer 1: Beige/B  Sample Sample	was inho Mastic oft  12/16/19 Tile Brown, Org.  was inho Mastic oft  12/16/19 Tile Brown, Org.	48 Bound/Fibrous mogenous, sub 49 Bound/Fibrous	Wisconsin samples of each co	20% CHRYSOTILE  Description of the component were analyzed separated None Detected  20% CHRYSOTILE  Description of the component were analyzed separated sep	20% CELLULOSE FIBER 100% NON FIBROUS MATERIAL  20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL  100% NON FIBROUS MATERIAL  20% CELLULOSE FIBER 10% METAL FOIL 50% NON FIBROUS MATERIAL
Sample Layer 2: Tan, So  351512-048 Layer 1: Beige/B  Sample Layer 2: Tan, So  351512-049  Layer 1: Beige/B	was inho Mastic oft  12/16/19 Tile Brown, Org.  was inho Mastic oft  12/16/19 Tile Brown, Org.	48 Bound/Fibrous mogenous, sub 49 Bound/Fibrous	Wisconsin samples of each co	20% CHRYSOTILE  Description of the control of the c	20% CELLULOSE FIBER 100% NON FIBROUS MATERIAL  20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL  100% NON FIBROUS MATERIAL  20% CELLULOSE FIBER 10% METAL FOIL 50% NON FIBROUS MATERIAL

Location: Wisconsin

Number: 19-400-037.3133

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
351512-050	12/16/19	50	Wisconsin		
Layer 1:	Tile			20% CHRYSOTILE	20% CELLULOSE FIBER
Beige, C	Org.Bound/	Fibrous			10% MINERAL/GLASS WOO
					50% NON FIBROUS MATERI
Sample	was inho	mogenous,	subsamples of each co	omponent were analyzed separate	ely.
Layer 2:	Mastic		•	None Detected	100% NON FIBROUS MATERI
Tan, So	ft				
351512-051	12/16/19	51	Wisconsin		
Layer 1:	Tile			2% CHRYSOTILE	98% NON FIBROUS MATERI
Beige, (	Organically	Bound			
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERI
Tan, So	ft				
351512-052	12/16/19	52	Wisconsin		
Layer 1:	Tile			2% CHRYSOTILE	98% NON FIBROUS MATERI
Beige, (	Organically	Bound			
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERI
Tan, So	ft				
351512-053	12/16/19	53	Wisconsin		
Layer 1:	Tile			2% CHRYSOTILE	98% NON FIBROUS MATERI
Beige, (	Organically	Bound			
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERI
Tan, So	ft				
351512-054	12/16/19	54	Wisconsin		
Layer 1:	Tile			None Detected	35% CELLULOSE FIBER
Beige/T	an, Org.Bo	und/Fibrous			15% MINERAL/GLASS WOO
					50% NON FIBROUS MATERI
=		mogenous,	subsamples of each co	emponent were analyzed separate	=
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERI
Tan, So	ft				

-Location: Wisconsin

Number: 19-400-037.3133

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

mounou.		( 00/ 1 10 G 10	7 OT 117 (pp. L Oub. L 1 t. 700	i Livi Alia	ilyolo
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
351512-055	12/16/19	55	Wisconsin		
Layer 1:	Tile			None Detected	35% CELLULOSE FIBER
Beige/T	an, Org.Bo	und/Fibrous			15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
Sample	was inhoi	mogenous, s	ubsamples of each compor	ent were analyzed separately.	
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
Tan, So	ft				

351512-056	12/16/19	56	Wisconsin		
Layer 1:	Tile			None Detected	35% CELLULOSE FIBER
Beige, O	rg.Bound/F	ibrous			15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL

Sample was inhomogenous, subsamples of each component were analyzed separately.

Layer 2: Mastic None Detected 100% NON FIBROUS MATERIAL

Tan, Soft

EPA Regulatory Limit: 1%

Total layers analyzed on order: 91

Reviewed By: Hind Eldanaf

Microscopy Supervisor

351512-12/18/19 01:45 PM

Analyst Mohammed Hashim



2512 West Cary Street, Richmond, Virginia 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475 www.slabinc.com • info@slabinc.com



V:\351\351512

fghraizi UPS 12/17/2019 9:23:32 AM 1Z2E28998464357761

Submitting Co.	Hareno	la Managem	ent Group	State of Collection	WI		Cert.	□ YES □ NO			
1237 West Bruce S	Street			Acct#	5065		Required Phone	XII.	(414) 647-1	520	
Milwaukee, WI 532	04			Email	dean.jacc	bsen@knl	nenvironmer		717) 047-1	330	
Project Name				PO#							
Project Location	Wiscon	sin		Special Instr	uctions:			··			
Project Number	19-400-	037.3133									
Collected By											
Turn Around Time **	N	latrix	Tests/A	nalytes (s	elect ALL th	at Apply) B	lank snaces a				
☐ 2 Hour *	□ Air		Asbestos in Bulk	nalytes (Select ALL that  Metals Total			CLP		Microbiolo	T. A. P. L. X. BEAGGE BOOK TO SERVE	
☐ Same day *	☐ Paint ■ PLM		■ PLM	☐ Lead	<del>)</del>	☐ Lead				ВУ	
☐ 1 business day			☐ PLM Qualitative	☐ RCRA 8	Metals	☐ RCRA	☐ RCRA 8 Metals		☐ BACT (MPN/PA) ☐ Mold Direct Exam		
<ul><li>2 business days</li></ul>	Pys Bulk 1000 Point Cour		☐ 400 Point Count	☐ Chromi	um VI	☐ Full T	CLP	☐ Allerg			
☑ 3 business days			☐ 1000 Point Count	☐ Mercur	у.	(w/ organics :	10 Day)	Sub-Contract  TEM Chatfield			
☐ 5 business days			☐ Gravimetric Prep	<u> </u>							
* not available for all tests  ** past 3 PM the TAT will begin		und Water	Asbestos in Air	Gravin	netric Miscellaneous			☐ TEM AHERA			
next business day		king Water	□ PCM	☐ Total D NIOSH (		☐ Silica	FTIR (7602)	☐ TEM 7402			
Please schedule rush tests in advance	☐ TSP	/ PM10	☐ PCM-B Rules	Resp. D NIOSH (	ust 0600			☐ Silica XRD (7500)			
	Date Time Sample Identific					i					
Sample #	Date Sampled	2012/06/2019	Sample Identifica (Employee, Bldg,Materia	(C)	Wipe Area	Tii Start	me² Stop	**************************************	Rate <sup>3</sup>	Total Air <sup>4</sup>	
Sample#		Sampled	_	(C)			me <sup>2</sup> Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>	
Sample#	Sampled	Sampled	_	(C)				**************************************		Total Air <sup>4</sup>	
	Sampled	Sampled	_	(C)				**************************************		Total Air <sup>4</sup>	
1	Sampled	Sampled	_	(C)				**************************************		Total Air <sup>4</sup>	
1 2 3	Sampled	Sampled	_	(C)				Start		Total Air <sup>4</sup>	
1 2 3 4	Sampled	Sampled	_	(C)				Start		Total Air <sup>4</sup>	
1 2 3 4 5	Sampled	Sampled	_	(C)				Start		Total Air <sup>4</sup>	
1 2 3 4 5 6	Sampled	Sampled	_	(C)				Start		Total Air <sup>4</sup>	
1 2 3 4 5 6	Sampled	Sampled	_	(C)				Start		Total Air <sup>4</sup>	
1 2 3 4 5 6 7 8	Sampled	Sampled	_	(C)				Start		Total Air <sup>4</sup>	
1 2 3 4 5 6 7 8 9	Sampled 12/16/19	Sampled	(Employee, Bldg,Materia	e enough sample	Area	Start	Stop	Start	Stop	Total Air <sup>4</sup>	
1 2 3 4 5 6 7 8 9 10	Sampled 12/16/19	For Aquank, P=Personal,	(Employee, Bldg,Materia	al, Type <sup>1</sup> )	Area	Start  Start  plicate and spillinute 4Volume	Stop  ke analysis me in Liters [time	Start.	Stop	Total Air <sup>4</sup>	
1 2 3 4 5 6 7 8 9 10	Sampled 12/16/19	For Aquink, P=Personal,	(Employee, Bldg,Materia	e enough sample of Sample Perio	Area  is sent for du od <sup>3</sup> Liters/M	plicate and spillinute 4Volume	ke analysis me in Liters [time	Start  in min × flow  (19 17co	Stop		



Submitting Co.	Harenda	Managem	ent Group	State of	WI		Cert.	☐ YES	□ NO	
1237 West Bruce S			·	Collection	5065		Required Phone			
Milwaukee, WI 532	04			Email		hsen@knh	environmen	4	414) 647-15	530
Project Name		·		PO #	Godinjaoo	рзепшкрп	environmen	miai.com	<del></del>	
Project Location	Wisconsi	n		Special Instr	uctions:					
Project Number	19-400-0	37.3133								
Collected By										
Turn Around	Ma	itrix	Tests/A	nalytes (s	elect ALL th	at Apply) Bl	ank spaces ar	e for additio	mal analytes	10 T
☐ 2 Hour *	☐ Air		Asbestos in Bulk	Analytes (select ALL that Apply) Blank spaces at Metals Total TCLP					/icrobiolog	THE STATE OF
☐ Same day *	☐ Paint		■ PLM	☐ Lead				(MPN/PA)	- <del></del>	
☐ 1 business day	☐ Soil	:	☐ PLM Qualitative	☐ RCRA 8	RCRA 8 Metals			Direct Exam		
☐ 2 business days	☐ Wipe		☐ 400 Point Count	☐ Chrom	nromium VI		☐ Allerge	ens		
☑ 3 business days	Bulk		☐ 1000 Point Count	☐ Mercui			S	ub-Contra	ct	
☐ 5 business days	☐ Waste	e Water	☐ Gravimetric Prep					□ тем с	hatfield	
* not available for all tests  ** past 3 PM the TAT will begin	☐ Grour	nd Water	Asbestos in Air	Gravin		Miscel	laneous	☐ TEM A	HERA	
next business day	☐ Drinki		□ PCM	☐ Total D NIOSH		☐ Silica I	FTIR (7602)	☐ TEM 7	402	
Please schedule rush tests in advance	□ TSP /	PM10	☐ PCM-B Rules	□ Resp. D NIOSH	oust 0600			☐ Silica)	KRD (7500)	
Sample #	Date	Time	Sample Identifica	ation	Wipe	Ťiř	ne²	Flow	Rate <sup>3</sup>	
	Sampled	Sampled	(Employee, Bldg,Materi	al, Type <sup>1</sup> )	Area	Start	Stop	Start	Stop	Total Air <sup>4</sup>
1(	12/16/19						,			
12										
(3										
14										
15										
16										
17										
18										
19										
20	<b>V</b>						·			
1			eous and Solid samples ensu							
B		k, P=Personal,	E=Excursion 'Beginning/En	d of Sample Peri	od <sup>3</sup> Liters/N	finute <sup>4</sup> Volu	me in Liters [time /			
Relinquished By: Dean	Jacobsen		_ Signature:		Salas Sa	Date/		e (19 1701		
		: ! ALL S	HADED FIELDS M	<b>UST BE F</b>	ILLED TO	AVOID	DELAYS I	120	1000	



D. State of the Control of the Contr	63								
Submitting Co.	Harenda Managem	ent Group	State of Collection	WI		Cert. Required	☐ YES	□ NO	
1237 West Bruce S	Street		Acct #	5065		Phone	(	414) 647-15	530
Milwaukee, WI 532	04		Email	dean.jaco	bsen@kph	environmer			
Project Name			PO #						
Project Location	Wisconsin		Special Inst	ructions:					
Project Number	19-400-037.3133		1						
Collected By									
Turn Around	Matrix	Tests/A	nalytes (s	Select ALL th	at Apply). Ri	ank spaces a			
□ 2 Hour *	□ Air	Asbestos in Bulk	Metal			CLP		Microbiolo	and the state of t
☐ Same day *	☐ Paint ■ PLM		☐ Lead		☐ Lead			(MPN/PA)	БУ
☐ 1 business day	iness day ☐ Soil ☐ PLM Qualita		☐ RCRA 8	3 Metals	☐ RCRA	8 Metals		Direct Exam	
☐ 2 business days	ys 🗆 Wipe 🖂 400 Point Cou		☐ Chrom	ium VI	☐ Full To	CLP	☐ Allerg		
☑ 3 business days	days 🔳 Bulk . 🔲 1000 Point (		☐ Mercui	ry	(w/ organics 1	0 Day)		Sub-Contra	ct
☐ 5 business days	☐ Waste Water	☐ Gravimetric Prep					TEM Chatfield  TEM AHERA  TEM 7402		
* not available for all tests  ** past 3 PM the TAT will begin	☐ Ground Water	Asbestos in Air	Gravir		Miscel	laneous			
next business day	☐ Drinking Water	☐ PCM	☐ Total D NIOSH		☐ Silica I	TIR (7602)			
Please schedule rush tests in advance	☐ TSP / PM10	☐ PCM-B Rules	☐ Resp. D NIOSH	0600	<u> </u>	. "	☐ Silica :	XRD (7500)	r e en la la
i		1			1		1		
Sample#	Date Time Sampled Sampled	Sample Identifica (Employee, Bidg,Materia		Wipe Area	Tin Start	ne <sup>2</sup> Stop		Rate <sup>3</sup>	Total Air <sup>4</sup>
Sample#		•			Charles and Children		Flow	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
	Sampled Sampled	•			Charles and Children				Total Air <sup>4</sup>
21	Sampled Sampled	•			Charles and Children				Total Air <sup>4</sup>
2 <sub>(</sub> 22	Sampled Sampled	•			Charles and California				Total Air <sup>4</sup>
21 22 23	Sampled Sampled	•			Charles and California				Total Air <sup>4</sup>
21 22 23 24	Sampled Sampled	•			Charles and California				Total Air <sup>4</sup>
21 22 23 24 25	Sampled Sampled	•			Charles and California				Total Air <sup>4</sup>
21 22 23 24 25 26	Sampled Sampled	•			Charles and California				Total Air <sup>4</sup>
2 <sub>1</sub> 22 23 24 25 26 27	Sampled Sampled	•			Charles and California				Total Air <sup>4</sup>
2 <sub>1</sub> 22 23 24 25 26 27 28	Sampled Sampled	•			Charles and California				Total Air <sup>4</sup>
21 22 23 24 25 26 27 28 29 30	Sampled Sampled 12/16/19  For Aqu	(Employee, Bldg,Materia	al, Type <sup>1</sup> )	Area	Start	Stop			Total Air <sup>4</sup>
21 22 23 24 25 26 27 28 29 30	Sampled Sampled 12/16/19	(Employee, Bldg,Materia	al, Type <sup>1</sup> )	Area	Start	Stop	Start	Stop	Total Air <sup>4</sup>
21 22 23 24 25 26 27 28 29 30	For Aquaserae, Berlank, Peresonal, Jacobsen	(Employee, Bldg,Materia	e enough sample of Sample Peri	Area  le is sent for du  iod <sup>3</sup> Liters/N	Start  Start  plicate and spillinute 4volur  Date/	ke analysis ne in Liters [time	Start	in L/min]	Total Air <sup>4</sup>



Submitting Co.	Harenda Managem	ent Group	State of	Wi		Cert.	☐ YES			
1237 West Bruce S	·		Collection Acct #	5065		Required Phone		□ NO	-00	
Milwaukee, WI 5320	04		Email		bsen@kph	<u> </u>		414) 647-15	30	
Project Name			PO #		occine rpin	environmen	iiiitai.com			
Project Location	Wisconsin		Special Instr	uctions:					······································	
Project Number	19-400-037.3133									
Collected By										
Turn Around Time **	Matrix	Tests/A	nalytes (s	elect ALL th	at Apply) Ria	ank snaces a	a far addin	onal analytes		
□ 2 Hour *	☐ Air	Asbestos in Bulk	Metals			LP		Microbiolog	resident somber states in the Parish	
□ Same day *	☐ Paint ■ PLM		☐ Lead		☐ Lead			(MPN/PA)	<u> </u>	
☐ 1 business day	□ Soil	☐ PLM Qualitative	☐ RCRA 8	Metals	☐ RCRA 8	3 Metals		Direct Exam		
☐ 2 business days	☐ Wipe	☐ 400 Point Count			LP	☐ Allerg				
☑ 3 business days	■ Bulk	☐ 1000 Point Count	☐ Mercur	ruii reer		) Day)		ub-Contrac	et .	
☐ 5 business days	☐ Waste Water	☐ Gravimetric Prep					☐ TEM Chatfield			
* not available for all tests  ** past 3 PM the TAT will begin	☐ Ground Water	Asbestos in Air	Gravin	netric	Miscell	aneous	☐ TEM AHERA			
next business day	☐ Drinking Water	□ РСМ	☐ Total D		☐ Silica F	TIR (7602)	☐ TEM 7	402		
Please schedule rush tests in advance	☐ TSP / PM10	☐ PCM-B Rules	☐ Resp. D NIOSH (	ust 0600			Silica )	KRD (7500)	· · · · · · · · · · · · · · · · · · ·	
CARCONES O PERMANENTE CONTRACTOR										
Sample #	Date Time	Sample Identifica (Employee, Bldg,Materia	· · · · · · · · · · · · · · · · · · ·	Wipe Area	WALL THE STATE OF	ie <sup>2</sup>		Rate <sup>3</sup>	Total Air <sup>4</sup>	
	Sampled Sampled	(Employee, Blug, wateria	ai, iype j	152 06 20 6 6 6 6	Start	Stop	Start	Stop		
31	12/16/19	(Employee, oldg, wateria	а, туре ј		Start	Stop	Start	Stop	··	
31 32	324500	temployee, bidg,wateria	ai, iype j		Stant	Stop	Start	Stop		
	324500	temployee, bidg,wateri	ai, iype j		Start	Stop	Start	Stop		
32	324500	temployee, bidg,wateri	al, type j		Start	Stop	Start	Stop		
32 33	324500	(Employee, Bidg,Materia	al, type J		Start	Stop	Start	Stop		
32 33 34 35 34	324500	(Employee, Bidg,Materia	al, Iype J		Start	Stop	Start	Stop		
32 33 34 35	324500	(Employee, Bidg,Materia	al, Iype J		Start	Stop	Start	Stop		
32 33 34 35 34	324500	(Employee, Bidg,Materia	al, Iype J		Start	Stop	Start	Stop		
32 33 34 35 36 38 37	324500	(Employee, Bidg, Materia	al, type J		Start	Stop	Start	Stop		
32 33 34 35 36 36 37 38	324500	(Employee, Bidg, Materia	al, Iype J		Start	Stop	Start	Stop		
32 33 34 35 35 36 37 38 39 40	12/16/19	eous and Solid samples ensur	e enough sample	e is sent for du	plicate and spik	e analysis				
32 33 34 35 36 37 38 39 40	12/16/19	eous and Solid samples ensur		e is sent for du	plicate and spike		e in min×flow	in L/min]		



Submitting Co.	Harenda Managem	ent Group	State of	WI		Cert.	i		
1237 West Bruce S	<u> </u>		Collection Acct #			Required	☐ YES	□ NO	
Milwaukee, WI 532			Email	5065		Phone		414) 647-15	530
Project Name	Ī		PO#	dean.jaco	bsen@kph	environmen	mtal.com		
Project Location	Wisconsin	:	Special Instr	uctions			·		
Project Number	19-400-037.3133			actions.					
Collected By			1						
Turn Around Time **	Matrix	Tests/A	nalytes is	elect AU th	at Anniul Bi			onal analytes	
□ 2 Hour *	☐ Air	Asbestos in Bulk			1		The state of the s	onal analytes Microbiolog	Carrier Manager of Control of the
☐ Same day *	☐ Paint	■ PLM	☐ Lead	Metals Total TCLP  ☐ Lead ☐ Lead			(MPN/PA)	EA .	
☐ 1 business day	□ Soil	☐ PLM Qualitative	☐ RCRA 8	Metals	☐ RCRA 8	3 Metals		Direct Exam	
☐ 2 business days	☐ Wipe	☐ 400 Point Count	☐ Chromi	ium VI	□ Fuli TC		☐ Allerg		
☑ 3 business days	■ Bulk	☐ 1000 Point Count	☐ Mercur	у	(w/ organics 10	Day)		Sub-Contra	rt
☐ 5 business days	☐ Waste Water	☐ Gravimetric Prep				ľ	□ тем с		
* not available for all tests	☐ Ground Water	Asbestos in Air	Gravin	netric	Miscell	aneous			
** past 3 PM the TAT will begin next business day	☐ Drinking Water	□ РСМ	☐ Total D	ust 0500	☐ Silica F	TIR (7602)	□ TEM 7	402	
Please schedule rush tests in advance	☐ TSP/PM10	☐ PCM-B Rules ~	□ Resp. D NIOSH (	ust 0600			□ Silica )	XRD (7500)	
iii davanee							C - Singa AND (7500)		. "
			tion Wipe Time <sup>2</sup>						
Sample #	Date Time Sampled Sampled	Sample Identifica (Employee, Bldg,Materia	190	Wipe Area	Tim Start	e² Stop	Control of the Control of the	Rate <sup>3</sup>	Total Air <sup>4</sup>
Sample#			190		the state of the s		Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
	Sampled Sampled		190		the state of the s		Control of the Control of the		Total Air <sup>4</sup>
41	Sampled Sampled		190		the state of the s		Control of the Control of the		Total Air <sup>4</sup>
41 42	Sampled Sampled		190		the state of the s		Control of the Control of the		Total Air <sup>4</sup>
41 42 43	Sampled Sampled		190		the state of the s		Control of the Control of the		Total Air <sup>4</sup>
41 42 43 44	Sampled Sampled		190		the state of the s		Control of the Control of the		Total Air <sup>4</sup>
41 42 43 44 45	Sampled Sampled		190		the state of the s		Control of the Control of the		Total Air <sup>4</sup>
41 42 43 44 45 46	Sampled Sampled		190		the state of the s		Control of the Control of the		Total Air <sup>4</sup>
41 42 43 44 45 46 47	Sampled Sampled		190		the state of the s		Control of the Control of the		Total Air <sup>4</sup>
41 42 43 44 45 46 47 48	Sampled Sampled		190		the state of the s		Control of the Control of the		Total Air <sup>4</sup>
41 42 43 44 45 46 47 48 49 50	Sampled Sampled  12/16/19  For Aqu	(Employee, Bldg,Materia	e enough sample	Area	Start.	Stop	Start	Stop	Total Air <sup>4</sup>
41 42 43 44 45 46 47 48 49 50	For Aqu	(Employee, Bldg,Materia	al, Type <sup>1</sup> )	Area	Start  plicate and spikelinute 4Volume	e analysis e in Liters [time	Start  in min × flow	Stop	Total Air <sup>4</sup>
41 42 43 44 45 46 47 48 49 50	For AqueArea, B=Blank, P=Personal, E	(Employee, Bldg,Materia	e enough sample	e is sent for du	plicate and spike linute 4Volum  Date/T	e analysis e in Liters [time	Start	Stop	Total Air <sup>4</sup>



Submitting Co.	Harenda	Managem	ent Group	State of	WI	· · · · · · · · · · · · · · · · · · ·	Cert.	□ vrc		
1237 West Bruce S	Street			Collection Acct #	5065		Required Phone	☐ YES		
Milwaukee, WI 532	204			Email	6	hsen@knh	environme		(414) 647-1	530
Project Name				PO#	June	озспежи	environniei	iiiiai.com		
Project Location	Wisconsi	in		Special Inst	Special Instructions:			<del></del>		
Project Number	19-400-0	37.3133								
Collected By				1						
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☑ 3 business days	🔳 Bulk		☐ 1000 Point Count	☐ Mercu	ry	- / 411 / 621				ct
☐ 5 business days	☐ Waste	e Water	☐ Gravimetric Prep					Sub-Contract		
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Please schedule rush tests in advance	□ TSP/	PM10	☐ PCM-B Rules —	Resp. D NIOSH	ost 0600		and the same			
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56	<b>V</b>									
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### **Analysis Report**



# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Order #:

352574

Customer: Harenda Management Group (5065)

Address: 1237 West Bruce Street

Milwaukee, WI 53204

 Attn:
 Received
 12/24/19

 Aeported
 12/26/19

Project:

-Location: Wisconsin -Number: 19-400-037.3133

Beige, Organically Bound, Homogenous

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 with Point Count PLM Analysis

wethoa:	EPA 600/F	(-93/116 & 40 CFR	App. E Sub. E Pt. 76	3 With Point Count	PLW Analysis
Sample ID	Collected	Cust. ID	Location	<b>Asbestos Fibers</b>	Other Materials
352574-001	12/16/19	4	Wisconsin		
Layer 1:	Granular	Material		0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
Beige/G	reen, Gran	ular, Homogenous			
352574-002	12/16/19	5	Wisconsin		
Layer 1:	Granular	Material		0.75% CHRYSOTILE	99.25% NON FIBROUS MATERIAL
Beige/G	reen, Gran	ular, Homogenous			
352574-003	12/16/19	6	Wisconsin		
Layer 1:	Granular	Material		0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
Beige/G	reen, Gran	ular, Homogenous			
352574-004	12/16/19	13	Wisconsin		
Layer 1:	Granular	Material		0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
Beige, C	Granular, H	omogenous			
352574-005	12/16/19	51	Wisconsin		
Layer 1:	Tile			0.25% CHRYSOTILE	99.75% NON FIBROUS MATERIAL
Beige, C	Organically	Bound, Homogeno	us		
352574-006	12/16/19	52	Wisconsin		
Layer 1:	Tile			0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
Beige, C	Organically	Bound, Homogeno	us		
352574-007	12/16/19	53	Wisconsin		
Layer 1:	Tile			0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL

Reporting limit: 0.25% Samples analyzed by the EPA Point Count test method. The EPA recommends that any vermiculite sample with a trace (<1) or greater amount of asbestos is a concern and should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other government agency endorsement. The test results reported relate only to the samples submitted.

-Location: Wisconsin

Number: 19-400-037.3133

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 with Point Count PLM Analysis

Sample ID Collected Cust. ID Location Asbestos Fibers Other Materials

EPA Regulatory Limit: 1%

Analyst Mohammed Hashim

Total layers analyzed on order: 7

Mahmul Haghime

352574-12/26/19 08:17 AM

Reviewed By: Jada Wilson

Analyst



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afowler 12/24/2019 11:23:00 AM

Hand Delivered

Submitting Co.	Harenda Ma	anageme	nt Group	State of Collection	WI		ert. Required	☐ YES	□ NO			
1237 West Bruce St	7 West Bruce Street				5065		hone	(4	14) 647-153	0		
Milwaukee, WI 5320	4			Email	dean.jacob	sen@kpher	nvironmeni	mtal.com				
Project Name			*	PO#					A CONTRACTOR OF THE PROPERTY O			
Project Location	Wisconsin			Special Insti	Ph. 475 - 2750 - 1	<del>94,411</del>	***************************************		M	· · · · · · · · · · · · · · · · · · ·		
Project Number	19-400-037.	.3133	- I I I I I I I I I I I I I I I I I I I	Order 3	51512			<i>I</i> .		. 1		
Collected By									ionanaura i e	; ]		
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☐ Same day *	☐ Paint		. D PLM:	☐ Lead		☐ Lead	***************************************	□ BACT (	MPN/PÄ)			
2 1 business day	□ Soil		☐ PLM Qualitative	RCRA	8 Metals	□ RCRA 8	Metals	☐ Mold I	Direct Exam			
2 business days	☐ Wipe		400 Point Count	☐ Chron	ilum VI	☐ Full TCL	- 1	☐ Allerge	ens			
☐ 3 business days	■ Bulk		☐ 1000 Point Count	☐ Mercu	ry	(w/ organics 10	Day)	Š	ub-Contrac	t		
☐ 5 business days	☐ Waste V		☐ Gravimetric Prep	D				☐ TEM C				
* not available for all tests  ** past 3 PM the TAT will begin	☐ Ground Water				Asbestos in Air		metric	Miscellaneous		TEM AHERA		
next business day	C. Dilliking water		□ PCM	☐ Total I		☐ Silica FTIR (7602)		☐ TEM 7402				
Please schedule rush tests In advance	□ TSP/PN	W10	☐ PCM-B Rules	☐ Resp. NIOSH	0600			☐ Silica XRD (7500)				
						•						
Sample #	Date Sampled S	Time Sampled	Sample Identific (Employee, Bidg, Mater		Wipe Area	Tim Start	e <sup>2</sup> Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>		
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4 5 6 13 51 52	Sampled S 12/16/19		(Employee, Bidg, Mater		- contract that of the	1000	MACONOMICA SI	A THE STREET	13.00	Total Air		
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X. LEAD LABORATORY RESULTS

### **Analysis Report**



# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

351511

Paint

12/17/19

12/17/19

12/17/19

gemif Mdel

**Customer:** Harenda Management Group (5065)

Address: 1237 West Bruce Street

Milwaukee, WI 53204 Matrix
Received
Analyzed

Project:

Attn:

-Location: Wisconsin -Number: 19-400-037.3133

PO Number:

Reported

Order #:

Sample ID Parameter	Cust. Sample ID	Location Method	Sample Date	Weight Total µg	% / Wt.	Conc.	RL*
351511-001	P01		12/16/19	295 mg			
Lead		EPA 7000B		51.4 μg	0.0174 %	174 mg/kg	33.9 mg/kg
351511-002	P02		12/16/19	304 mg			
Lead		EPA 7000B		241 µg	0.0792 %	792 mg/kg	32.9 mg/kg

Analyst: DLJ

351511-12/17/19 05:04 PM

Reviewed By: Jennifer Lee Manager

### **Federal Lead Paint Statute**

Location	Clearance	Unit
Lead in paint by weight	< 0.50	%
Lead in paint as PPM	< 5000	mg/kg



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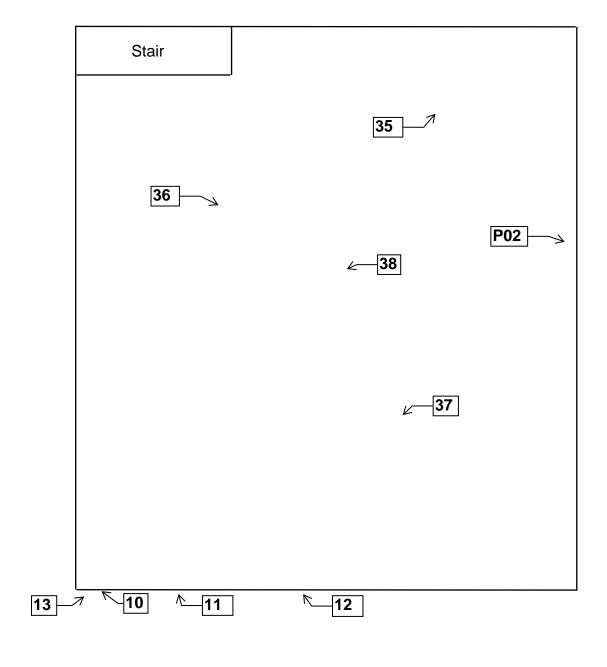
V:\351\351511

fghraizi UPS 12/17/2019 9:23:32 AM 1Z2E28998464357761

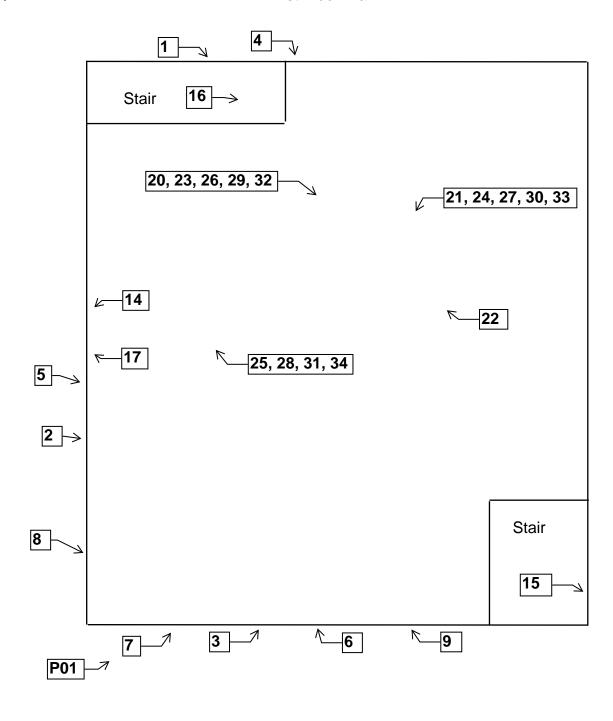
Submitting Co.	Harenda Ma	anageme	nt Group	State of Collection	WI	Ce Re	guired	☐ YES	□ NO	
1237 West Bruce Street				Acct#	5065	Ph	one	(414	4) 647-1530	)
Milwaukee, WI 5320	)4			Email	dean.jacob	sen@kphenv	rironmenn	ntal.com		
Project Name				PO#						
Project Location	Wisconsin	Wisconsin			ructions:					
Project Number	19-400-037	7.3133								
Collected By										
- Tum Around	Mat	rix	Tests/A	malytes (	Select ALL th	at Apply) Blani	spaces ar	e for addition	al analytes	100.00
Time **  □ 2 Hour *.	☐ Air	A CONTRACTOR SAIS	Asbestos in Bulk	Meta	s Total	TCLI	ρ .	M	icrobiology	
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☐ 1 business day	.□ Soil		☐ PLM Qualitative	☐ RCRA	8 Metals	☐ RCRA 8 N	∕Ietals	□ Mold D		
☐ 2 business days	☐ Wipe		☐ 400 Point Count	☐ Chror	nium VI	☐ Full TCLF		☐ Allergei		
☑ 3 business days	☐ Bulk		☐ 1000 Point Count	□ Merc	ury	(w/ organics 10 D	ay)		ıb-Contract	[ · ·
☐ 5 business days	☐ Waste	Water	☐ Gravimetric Prep					☐ TEM Ch		
* not available for all tests	☐ Ground	d Water	Asbestos in Air		imetric	Miscella		☐ TEM A		
** past 3 PM the TAT will begin next business day	🔲 🗆 Drinkir	ng Water	□ РСМ		Dust H 0500	☐ Silica FT		☐ TEM 74	*	
Please schedule rush tests	☐ TSP / F	PM10	PCM-B Rules	□ Resp. NIOS	Dust H 0600			- Sinea A	VD (1200)	
in advance				<u> </u>	utorio de sembre de conscionado de				3	
Sample:#	Date Sampled	Time Sampled	Sample Identif (Employee, Bldg,Mate		Wipe Area	Time Start	Stop	Flow Start	kate Stop	Total Air <sup>4</sup>
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,										
				nsure enquels	sample is sent fo	r duplicate and spi	ke analysis			
1-Tur	pe: A=Area. B=Bla		Aqueous and Solid samples of the land of t	ensure enough s	sample is sent fo	r duplicate and spi	me in Liters [	time in min × flor		
	pe: A=Area, B=Bla	ank, P=Persor		ensure enough s g/End of Sampl	cample is sent fo	r duplicate and spi	me in Liters [	time in min × flor		

## **XI. FLOOR PLANS**

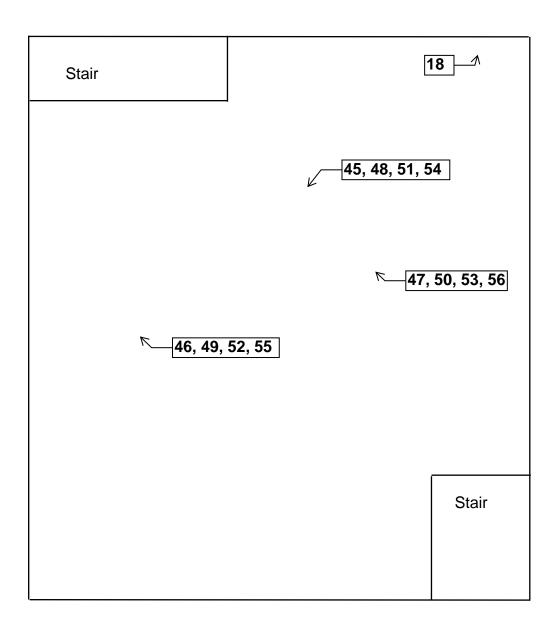
## Basement Floor Plan



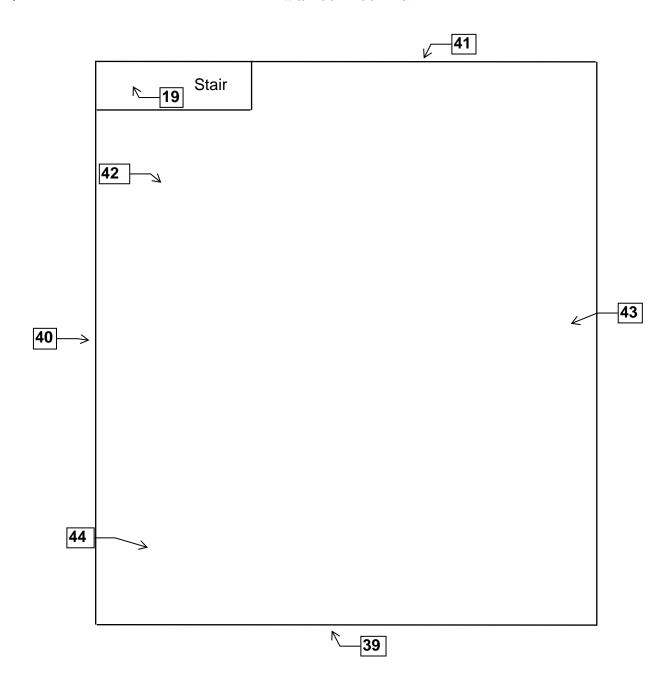
1st Floor Plan



## 2nd Floor Plan



## Attic/Roof Floor Plan



## XII. HMG CERTIFICATION



This certifies that

# HARENDA MANAGEMENT GROUP

1237 W BRUCE ST MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

Asbestos Company -- Primary

Certificate Issue Date: 07/23/2019

Expiration Date: 08/31/2021, 12:01 a.m.

Certification #: CAP-480540

Wisconsin Department of Health Services

Division of Public Health

Bureau of Environmental and Occupational Health

Asbestos & Lead Section

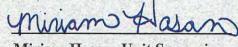
PO Box 2659

Madison WI 53701-2659

Phone: (608) 261-6876







Miriam Hasan, Unit Supervisor

1 WEST WILSON STREET

P O BOX 2659 MADISON WI 53701-2659

Telephone: 608 266-1251 FAX: 608 267-2832 TTY: 888-701-1253 dhs.wisconsin.gov

Tony Evers Governor

Andrea Palm Secretary State of Wisconsin
Department of Health Services

February 5, 2019

DAMIAN SCOTT ROGOWSKI 3536 COUNTY ROAD H FRANKSVILLE WI 53126-9211

ID# AII-161300

Congratulations! Your new Wisconsin certification card is enclosed. Please look it over and call us right away if anything on your blue card is wrong.

## Follow Wisconsin law by making sure that you:

- 1. Have your blue card with you when doing regulated work.
- 2. Work safely using the methods you learned in training.
- 3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing <a href="mailto:DHSAsbestosLead@wi.gov">DHSAsbestosLead@wi.gov</a>, by using our Lead and Asbestos Online Certification website, <a href="www.dhs.wisconsin.gov/waldo">www.dhs.wisconsin.gov/waldo</a>, or by mailing a note to:

Lead and Asbestos Section 1 W. Wilson St., Room 137 P.O. Box 2659 Madison WI 53701-2659

- 4. Take refresher training well before the "Training due by" date printed on your blue card.
  - Asbestos-certified individuals must refresh in Wisconsin no earlier than 90 days before the due date to keep the same expiration date.
     Find asbestos training providers at <a href="https://www.dhs.wisconsin.gov/asbestos">www.dhs.wisconsin.gov/asbestos</a>.
  - Lead-certified individuals can refresh up to 1 year before the due date.
     Find lead training providers at <a href="www.dhs.wisconsin.gov/lead">www.dhs.wisconsin.gov/lead</a>.
- 5. Apply to renew your card at least 1 month before the "Exp." date on your blue card.
- 6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at <a href="https://www.dhs.wisconsin.gov/lead">www.dhs.wisconsin.gov/lead</a> or <a href="https://www.dhs.wisconsin.gov/asbestos">www.dhs.wisconsin.gov/asbestos</a>.
- 7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you pr professional responsibility. Contact us if you below and on the back of your blue card.

The Lead and Asbestos Certification Program (608) 261-6876

<a href="mailto:DHSAsbestosLead@wi.gov">DHSAsbestosLead@wi.gov</a>

www.dhs.wisconsin.gov/asbestos

www.dhs.wisconsin.gov/lead

**COPY** 





# **DECONSTRUCTION INSPECTION REPORT Job Site:**

Two Family Dwelling 2841 North 29th Street Milwaukee, Wisconsin

For:

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1<sup>st</sup> Floor
Milwaukee, Wisconsin 53202-3613

HMG Report No.: 19-400-037.2841 Inspector: Damian Rogowski Contract No.: 360-19-0975

Prepared by:

### HARENDA MANAGEMENT GROUP

1237 West Bruce Street Milwaukee, Wisconsin 53204 (414) 383-4800

August 2019

## Signature Page

Deconstruction Inspection Report Two Family Dwelling 2841 North 29<sup>th</sup> Street Milwaukee, Wisconsin

Dean Jacobsen

Asbestos Inspector No. AII - 14370

Expiration Date: 12/2/19 Harenda Management Group Damian Rogowski

Asbestos Inspector No. AII - 161300

Expiration Date: 3/19/20 Harenda Management Group August 22, 2019

City of Milwaukee Department of Neighborhood Services Attn: Marge Piwaron 841 North Broadway 1<sup>st</sup> Floor Milwaukee, Wisconsin 53202-3613

RE: Deconstruction Inspection Report

2841 North 29<sup>th</sup> Street Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2841 North 29<sup>th</sup> Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP

Dean Jacobsen

Asbestos Inspector No. AII - 14370

### **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 2841 North 29<sup>th</sup> Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in duct wrap, window glazing compound, and basement flue packing sampled during the inspection. Asbestos was detected at less than 1% in attic vermiculite insulation. Asbestos was assumed to be in the roof flashing at the chimney. Results are in Section IV of this report.

Lead was detected in paint on the interior and exterior basement walls. Results are in Section V of this report.

# TABLE OF CONTENTS Deconstruction Inspection Report

I.	Introduction	1
II.	Asbestos Inspection	1
III.	Asbestos Laboratory  A. Method of Analysis	2
IV.	Asbestos Findings and Observations	2
V.	Lead Paint Inspection	6
VI.	Exclusions	7
VII.	Limitations	8
VIII.	Pre-Demolition Environmental Checklist	9
IX.	Asbestos Laboratory Results	13
X.	Lead Laboratory Results	14
XI.	Floor Plans	15
XII.	HMG Certifications	16

### I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling and garage at 2841 North 29<sup>th</sup> Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has asphalt and wood walls with asphalt roofing. The garage has vinyl and wood walls with asphalt roofing.

### II. ASBESTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

On August 6, 2019, HMG conducted an asbestos inspection and lead inspection of a two family dwelling and garage, scheduled for deconstruction, located at 2841 North 29<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Damian Rogowski, Wisconsin License No. AII – 161300, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

- 1. A visual determination as to the extent of suspect asbestos containing materials within the building.
- 2. Sampling and documentation of observable suspect asbestos containing materials.
- 3. Quantification of observable asbestos containing materials existing within the spaces.
- 4. Sampling of suspect lead painted masonry surfaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Duct wrap
- Floor tile
- Linoleum
- Drywall/joint compound
- Vermiculite insulation
- Plaster
- Flue packing
- Ceiling tile
- Tar paper
- Asphalt shingle siding
- Window glazing compound

- Asphalt roof shingles
- Fiberboard
- Mastics
- Roof flashing

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

### III. ASBESTOS LABORATORY

### A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crodcidolite, anthophyllite, and actinolite,/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

### IV. ASBESTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	2 <sup>nd</sup> floor – living room – on west wall duct – duct wrap	Positive 55%	TDW
		Chrysotile	
2	1st floor – kitchen – on north wall duct – duct wrap	Positive 55%	TDW
		Chrysotile	
3	Basement – on west duct – duct wrap	Positive 55%	TDW
		Chrysotile	
4a	2 <sup>nd</sup> floor – hall top layer – 12" brown and gray floor tile	Negative	MF12ny
4b	2 <sup>nd</sup> floor – hall top layer – under 12" brown and gray floor	Negative	MF12ny
	tile – clear mastic		
5a	2 <sup>nd</sup> floor – hall 2 <sup>nd</sup> layer – 12" tan floor tile	Negative	MF12t

16 2 7a 2 7b 2 8a 1 8b 1 9 1 10 2 11 2 2 13 14 15 15 16 16 16 17 17 17	2nd floor – hall 2nd layer – under 12" tan floor tile – tan mastic  2nd floor – bathroom 2nd layer – yellow and beige linoleum  2nd floor – bathroom – west wall – drywall  2nd floor – bathroom – west wall – joint compound  1st floor – kitchen – east wall – drywall  1st floor – kitchen – east wall – joint compound  1st floor – bathroom – west wall – drywall  2nd floor – bathroom – west wall – drywall  2nd floor – kitchen southeast – 12" tan and brown floor tile  2nd floor – kitchen northwest – 12" tan and brown floor tile  2nd floor – kitchen northwest – 12" tan and brown floor tile  2nd floor – pantry – beige and gray linoleum  2nd floor – rear stair landing – white linoleum  Attic – east side on floor – vermiculite insulation  Point Count Result  Attic – center on floor – vermiculite insulation  Point Count Result  Attic – west side on floor – vermiculite insulation	Negative Positive 2% Tremolite Trace 0.25% Tremolite Positive 2% Tremolite Positive 2% Tremolite Positive 2% Tremolite	MF12t  MFLle  MDW  MDW  MDW  MDW  MDW  MF12tn  MF12tn  MF12tn  MF12tn  MF12tn  MFVI  MVI  MVI
16 2 7a 2 7b 2 8a 1 8b 1 9 1 10 2 11 2 2 13 14 15 15 16 16 16 17 17 17	mastic  2nd floor – bathroom 2nd layer – yellow and beige linoleum  2nd floor – bathroom – west wall – drywall  2nd floor – bathroom – west wall – joint compound  1st floor – kitchen – east wall – drywall  1st floor – kitchen – east wall – joint compound  1st floor – bathroom – west wall – drywall  2nd floor – bathroom – west wall – drywall  2nd floor – kitchen southeast – 12" tan and brown floor tile  2nd floor – kitchen center – 12" tan and brown floor tile  2nd floor – kitchen northwest – 12" tan and brown floor tile  2nd floor – pantry – beige and gray linoleum  2nd floor – rear stair landing – white linoleum  Attic – east side on floor – vermiculite insulation  Point Count Result  Attic – center on floor – vermiculite insulation	Negative Positive 2% Tremolite Trace 0.25% Tremolite Positive 2% Tremolite Positive 2% Tremolite Positive 2% Tremolite	MDW MDW MDW MDW MDW MF12tn MF12tn MF12tn MFLey MFLw MVI MVI MVI
7a 2 7b 2 8a 1 8b 1 9 1 10 2 11 2 13 2 13 14 2 15 16 16 16 16 17	2nd floor – bathroom – west wall – drywall 2nd floor – bathroom – west wall – joint compound  1st floor – kitchen – east wall – drywall 1st floor – kitchen – east wall – joint compound  1st floor – bathroom – west wall – drywall 2nd floor – bathroom – west wall – drywall 2nd floor – kitchen southeast – 12" tan and brown floor tile 2nd floor – kitchen center – 12" tan and brown floor tile 2nd floor – kitchen northwest – 12" tan and brown floor tile 2nd floor – pantry – beige and gray linoleum 2nd floor – rear stair landing – white linoleum Attic – east side on floor – vermiculite insulation  Point Count Result  Attic – center on floor – vermiculite insulation	Negative Positive 2% Tremolite Trace 0.25% Tremolite Positive 2% Tremolite Positive 2% Tremolite Positive 2% Tremolite Positive 2% Tremolite	MDW MDW MDW MDW MDW MF12tn MF12tn MF12tn MFLey MFLw MVI MVI MVI
7a 2 7b 2 8a 1 8b 1 9 1 10 2 11 2 13 2 13 14 2 15 16 16 16 16 17	2nd floor – bathroom – west wall – drywall 2nd floor – bathroom – west wall – joint compound  1st floor – kitchen – east wall – drywall 1st floor – kitchen – east wall – joint compound  1st floor – bathroom – west wall – drywall 2nd floor – bathroom – west wall – drywall 2nd floor – kitchen southeast – 12" tan and brown floor tile 2nd floor – kitchen center – 12" tan and brown floor tile 2nd floor – kitchen northwest – 12" tan and brown floor tile 2nd floor – pantry – beige and gray linoleum 2nd floor – rear stair landing – white linoleum Attic – east side on floor – vermiculite insulation  Point Count Result  Attic – center on floor – vermiculite insulation	Negative Negative Negative Negative Negative Negative Negative Negative Negative Positive 2% Tremolite Trace 0.25% Tremolite Trace 0.25% Tremolite Trace 0.25% Tremolite Positive 2% Tremolite Positive 2% Tremolite	MDW MDW MDW MDW MF12tn MF12tn MF12tn MFLey MFLw MVI MVI MVI
8a 1 8b 1 9 1 10 2 11 2 2 13 14 15 16 16 17 17	1st floor – kitchen – east wall – drywall 1st floor – kitchen – east wall – joint compound 1st floor – bathroom – west wall – drywall 2nd floor – kitchen southeast – 12" tan and brown floor tile 2nd floor – kitchen center – 12" tan and brown floor tile 2nd floor – kitchen northwest – 12" tan and brown floor tile 2nd floor – pantry – beige and gray linoleum 2nd floor – rear stair landing – white linoleum Attic – east side on floor – vermiculite insulation Point Count Result Attic – center on floor – vermiculite insulation Point Count Result	Negative Negative Negative Negative Negative Negative Negative Negative Positive 2% Tremolite Trace 0.25% Tremolite Positive 2% Tremolite Positive 2% Tremolite Positive 2% Tremolite Positive 2% Tremolite	MDW MDW MDW MF12tn MF12tn MF12tn MFLey MFLw MVI MVI MVI
8b 1 9 1 10 2 11 2 2 13 2 14 15 16 16 16 17 17	1st floor – kitchen – east wall – joint compound 1st floor – bathroom – west wall – drywall 2nd floor – kitchen southeast – 12" tan and brown floor tile 2nd floor – kitchen center – 12" tan and brown floor tile 2nd floor – kitchen northwest – 12" tan and brown floor tile 2nd floor – pantry – beige and gray linoleum 2nd floor – rear stair landing – white linoleum Attic – east side on floor – vermiculite insulation Point Count Result  Attic – center on floor – vermiculite insulation  Point Count Result	Negative Negative Negative Negative Negative Negative Negative Negative Positive 2% Tremolite Trace 0.25% Tremolite Positive 2% Tremolite Positive 2% Tremolite Positive 2% Tremolite Positive 2% Tremolite	MDW MDW MF12tn MF12tn MF12tn MFLey MFLw MVI MVI MVI
9 11 12 12 13 14 15 15 IF 16 IF 17 IF	1st floor – bathroom – west wall – drywall 2nd floor – kitchen southeast – 12" tan and brown floor tile 2nd floor – kitchen center – 12" tan and brown floor tile 2nd floor – kitchen northwest – 12" tan and brown floor tile 2nd floor – pantry – beige and gray linoleum 2nd floor – rear stair landing – white linoleum Attic – east side on floor – vermiculite insulation  Point Count Result  Attic – center on floor – vermiculite insulation  Point Count Result	Negative Negative Negative Negative Negative Negative Positive 2% Tremolite Trace 0.25% Tremolite Positive 2% Tremolite Positive 2% Tremolite Positive 2% Tremolite Positive 2% Tremolite	MDW MF12tn MF12tn MF12tn MFLey MFLw MVI MVI MVI
10 2 11 2 12 12 13 14 2 15 15 IF 16 IF 17 IF 17	2nd floor – kitchen southeast – 12" tan and brown floor tile 2nd floor – kitchen center – 12" tan and brown floor tile 2nd floor – kitchen northwest – 12" tan and brown floor tile 2nd floor – pantry – beige and gray linoleum 2nd floor – rear stair landing – white linoleum Attic – east side on floor – vermiculite insulation  Point Count Result  Attic – center on floor – vermiculite insulation  Point Count Result	Negative Negative Negative Negative Negative Positive 2% Tremolite Trace 0.25% Tremolite Positive 2% Tremolite Positive 2% Tremolite Positive 2% Tremolite Positive 2%	MF12tn MF12tn MF12tn MFLey MFLw MVI MVI MVI MVI
11 2 12 13 14 15 15 IF 16 IF 17 IF 17	2nd floor – kitchen center – 12" tan and brown floor tile 2nd floor – kitchen northwest – 12" tan and brown floor tile 2nd floor – pantry – beige and gray linoleum 2nd floor – rear stair landing – white linoleum Attic – east side on floor – vermiculite insulation  Point Count Result  Attic – center on floor – vermiculite insulation  Point Count Result	Negative Negative Negative Negative Positive 2% Tremolite Trace 0.25% Tremolite Positive 2% Tremolite Positive 2% Tremolite Positive 2% Tremolite Positive 2%	MF12tn MF12tn MFLey MFLw MVI MVI MVI MVI
11 2 12 13 14 15 15 IF 16 IF 17 IF 17	2nd floor – kitchen center – 12" tan and brown floor tile 2nd floor – kitchen northwest – 12" tan and brown floor tile 2nd floor – pantry – beige and gray linoleum 2nd floor – rear stair landing – white linoleum Attic – east side on floor – vermiculite insulation  Point Count Result  Attic – center on floor – vermiculite insulation  Point Count Result	Negative Negative Negative Negative Positive 2% Tremolite Trace 0.25% Tremolite Positive 2% Tremolite Positive 2% Tremolite Positive 2% Tremolite Positive 2%	MF12tn MF12tn MFLey MFLw MVI MVI MVI MVI
12 2 13 14 15 15 16 16 17 17 17	2nd floor – kitchen northwest – 12" tan and brown floor tile  2nd floor – pantry – beige and gray linoleum  2nd floor – rear stair landing – white linoleum  Attic – east side on floor – vermiculite insulation  Point Count Result  Attic – center on floor – vermiculite insulation  Point Count Result	Negative Negative Negative Positive 2% Tremolite Trace 0.25% Tremolite Positive 2% Tremolite Trace 0.25% Tremolite Trace 0.25% Tremolite Positive 2%	MF12tn MFLey MFLw MVI MVI MVI MVI
13 2 14 2 15 A 15 A 16 A 16 A 17 A	2 <sup>nd</sup> floor – pantry – beige and gray linoleum 2 <sup>nd</sup> floor – rear stair landing – white linoleum Attic – east side on floor – vermiculite insulation Point Count Result Attic – center on floor – vermiculite insulation Point Count Result	Negative Negative Positive 2% Tremolite Trace 0.25% Tremolite Positive 2% Tremolite Trace 0.25% Tremolite Trace 0.25% Tremolite Positive 2%	MFLey MFLW MVI MVI MVI MVI
14 2 15 A 15 A 16 A 16 A 17 A	2 <sup>nd</sup> floor – rear stair landing – white linoleum Attic – east side on floor – vermiculite insulation  Point Count Result  Attic – center on floor – vermiculite insulation  Point Count Result	Negative Positive 2% Tremolite Trace 0.25% Tremolite Positive 2% Tremolite Trace 0.25% Tremolite Positive 2%	MFLW MVI MVI MVI MVI
15 A A A A A A A A A A A A A A A A A A A	Attic – east side on floor – vermiculite insulation  Point Count Result  Attic – center on floor – vermiculite insulation  Point Count Result	Positive 2% Tremolite Trace 0.25% Tremolite Positive 2% Tremolite Trace 0.25% Tremolite Positive 2%	MVI MVI MVI MVI
15 I I 16 I I 17 I I	Point Count Result  Attic – center on floor – vermiculite insulation  Point Count Result	Tremolite Trace 0.25% Tremolite Positive 2% Tremolite Trace 0.25% Tremolite Positive 2%	MVI MVI MVI
16 A 16 I 17 A	Attic – center on floor – vermiculite insulation  Point Count Result	Trace 0.25% Tremolite Positive 2% Tremolite Trace 0.25% Tremolite Positive 2%	MVI MVI
16 A 16 I 17 A	Attic – center on floor – vermiculite insulation  Point Count Result	Tremolite Positive 2% Tremolite Trace 0.25% Tremolite Positive 2%	MVI MVI
16 I	Point Count Result	Positive 2% Tremolite Trace 0.25% Tremolite Positive 2%	MVI
16 I	Point Count Result	Tremolite Trace 0.25% Tremolite Positive 2%	MVI
17 A		Trace 0.25% Tremolite Positive 2%	
17 A		Tremolite Positive 2%	
	Attic – west side on floor – vermiculite insulation	Positive 2%	3 57 77
			MVI
		Tremolite	
17 I	Point Count Result	Trace 0.25%	MVI
1,	Tome Count Result	Tremolite	
18 1	1st floor – rear stair landing – 12" tan and beige floor tile	Negative	MF12te
	1st floor – kitchen top layer – gray linoleum	Negative	MFLy
	1st floor – kitchen top layer – under gray linoleum – yellow	Negative	MFLy
	mastic	1 (oguil (o	
	1st floor – hall – gray linoleum	Negative	MFLy
	1st floor – hall – under gray linoleum – yellow mastic	Negative	MFLy
	1st floor – center bedroom – gray linoleum	Negative	MFLy
	1st floor – center bedroom – under gray linoleum – yellow	Negative	MFLy
	mastic	reguire	IVII Ly
	1st floor – kitchen bottom layer – green and brown linoleum	Negative	MFLgn
	1st floor – bathroom under carpet – 12" green and beige floor	Negative	MF12ge
	tile	reguire	1411 1280
	1st floor – pantry – north wall – plaster	Negative	SPI
	1st floor – living room – south wall – plaster	Negative	SPI
	1st floor – rear stair – north wall – plaster	Negative	SPI
	2 <sup>nd</sup> floor – kitchen – east wall – plaster	Negative	SPI
	2 <sup>nd</sup> floor – east bedroom – east wall – plaster	Negative	SPI
	Basement – on chimney – flue packing	Positive 4%	TFP
1	Dassiment on chimney – nuc packing	Chrysotile	111
30 I	Basement – southeast – 1' x 1' ceiling tile	Negative	MSCT11
	2 <sup>nd</sup> floor – bathroom – on east wall – white panel	Negative	MPMn
	2 <sup>nd</sup> floor – bathroom – on east wall under panel – brown	Negative	MPMn
	mastic	Tiogative	1411 14111
	Exterior – east wall under wood siding – tar paper	Negative	MPT
	Exterior – east wan under wood siding – tar paper  Exterior – north wall under wood siding – tar paper	Negative	MPT
	Exterior – north wall under wood siding – tar paper  Exterior – south wall under wood siding – tar paper	Negative	MPT
	Attic – exterior east wall – asphalt shingle siding		MSS
	Attic – exterior east wall – asphalt shingle siding  Attic – exterior east wall – asphalt shingle siding	Negative Negative	MSS

Sample #	Location and Description	Results	Homogeneous Code
37	Attic – exterior west wall – asphalt shingle siding	Negative	MSS
38	Attic – on east window – glazing compound	Positive 3%	MPG
		Chrysotile	
39	Basement - on south window - glazing compound	Positive 3%	MPG
		Chrysotile	
40	1st floor – on west window – glazing compound	Positive 3%	MPG
		Chrysotile	
41	Roof – northwest top layer – gray asphalt shingle	Negative	MRSy
42	Roof – north center top layer – gray asphalt shingle	Negative	MRSy
43	Roof – south center top layer – gray asphalt shingle	Negative	MRSy
44	Roof – northwest 2 <sup>nd</sup> layer – red asphalt shingle	Negative	MRSr
45	Roof – north center 2 <sup>nd</sup> layer – red asphalt shingle	Negative	MRSr
46	Roof – south center 2 <sup>nd</sup> layer – red asphalt shingle	Negative	MRSr
47	Roof – northwest 3 <sup>rd</sup> layer – black asphalt shingle	Negative	MRSk
48	Roof – north center 3 <sup>rd</sup> layer – black asphalt shingle	Negative	MRSk
49	Roof – south center 3 <sup>rd</sup> layer – black asphalt shingle	Negative	MRSk
50	Garage – south wall under wood siding – fiberboard	Negative	MFB
51	Garage – east wall under wood siding – fiberboard	Negative	MFB
52	Garage – north wall under wood siding – fiberboard	Negative	MFB
53	Garage – near door – black linoleum	Negative	MFLk

Three (3) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous	Location	Approximate	Material Type
	Code		Quantity	
Duct Wrap	TDW	Basement Ducts, Ducts in 1st Floor Walls	150 SF	Friable
Window Glazing Compound	MPG	Windows on All Floors	47 Windows	Category II Non-Friable
Flue Packing	TFP	Basement on South Chimney	4 SF	Friable

### One (1) of the materials sampled contains less than 1% asbestos and is not an ACM:

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Vermiculite Insulation	MVI	On Attic Floor	1250 SF	Friable

### **Assumed Asbestos Containing Materials**

Material	Location	Approximate Quantity	Material Type
Roof Flashing	Roof at Chimney	5 SF	Category I Non-Friable

The flashing was not accessible at the time of the inspection.

Note #1: The ACMs listed above are friable, category I non-friable, and category II non-friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that these materials be abated prior to deconstruction.

Note#2: The vermiculite insulation contains less than 1% asbestos as verified by the point count method, and by definition in NR 447 is not an ACM. The contractor must follow U.S. Occupational Safety and Health Administration requirements in 29 CFR 1926.1101 (Asbestos in Construction) during removal. This regulation requires the employer to protect employees from asbestos exposure if any amount of asbestos is present. These requirements include:

- Exposure assessments
- Use of respirators and protective clothing until exposure assessments results are known,
- Using wet methods and HEPA vacuums for cleanup of the joint compound,
- Putting waste in leak tight asbestos labeled containers

DHS 159.04 (53) definitions "Vermiculite insulation" means vermiculite that has been expanded through a heating process and is used as loose-fill building insulation. It is a "suspect asbestoscontaining material" under sub. DHS 159.04(50). **Note:** Vermiculite insulation is assumed to be asbestos-containing material unless proven otherwise in accordance with EPA recommended sampling and analysis protocols specific to vermiculite insulation. As of the publication of this chapter, the EPA has not published official guidance for sampling and testing protocols to test for the presence or absence of asbestos in vermiculite insulation. When recommended protocols are published, vermiculite insulation may be sampled and analyzed using the EPA recommended protocols to determine any asbestos content. Until such time, vermiculite insulation must be assumed to contain asbestos and be treated as an asbestos-containing material under DHS 159.

HMG recommends that the vermiculite insulation be removed by a Wisconsin certified asbestos company as part of the deconstruction project.

**Note#3:** If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

**Note#4:** A copy of this report should be transmitted to the deconstruction contractor.

Note#5: Additional duct wrap may be within walls and ceilings.

Plaster

### **Homogeneous Material Codes**

SPl

MF12ny	12" Brown & Gray Floor Tile
MF12t	12" Tan Floor Tile
MF12tn	12" Tan & Brown Floor Tile
MF12te	12" Tan & Beige Floor Tile
MF12ge	12" Green & Beige Floor Tile
MFLle	Yellow & Beige Linoleum
MFLey	Beige & Gray Linoleum
MFLw	White Linoleum
MFLy	Gray Linoleum
MFLgn	Green & Brown Linoleum
MFLk	Black Linoleum
MDW	Drywall/Joint Compound
MVI	Vermiculite Insulation
MSCT11	1' x 1' Ceiling Tile
MPMn	Brown Wall Panel Mastic
MPT	Tar Paper
MSS	Asphalt Shingle Siding
MPG	Window Glazing Compound
MRSy	Gray Asphalt Shingle
MRSr	Red Asphalt Shingle
MRSk	Black Asphalt Shingle
MFB	Fiberboard

### **Homogeneous Material Codes**

TDW Duct Wrap TFP Flue Packing

### V. LEAD PAINT INSPECTION

#### A. Methods

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 2841 North 29<sup>th</sup> Street, Milwaukee, Wisconsin, took place on August 6, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

### **B.** Component Testing Results

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section X.

Interior: 2841 North 29th Street, Milwaukee, Wisconsin

• Painted brick was observed on the interior basement walls. Lead based paint was not detected.

Exterior: 2841 North 29th Street, Milwaukee, Wisconsin

• Painted brick was observed on the exterior basement walls. Lead based paint was not detected.

The following are the laboratory results.

Site: 2841 North 29th Street, Milwaukee, Wisconsin

		Paint Testing 1	Results		
Sample	Room	Component	Substrate	Color	Result (% Lead)
P1	Basement	South Wall	Brick	Gray	0.0383
P2	Basement	West Wall	Brick	Beige	0.0403
Р3	Basement	North Wall	Brick	White	< 0.00309
P4	Exterior	North Wall	Brick	Red	0.0427

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <a href="https://www.osha.gov/SLTC/lead/index.html">https://www.osha.gov/SLTC/lead/index.html</a> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

#### VI. EXCLUSIONS

Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

Date: 8/6/19

#### VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos and paint testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.

### VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

#### **ASBESTOS**

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.

#### **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

N/A	Air Conditioners (roof top, room, and central)
N/A	Dehumidifiers
N/A	Heat Pumps
N/A	Refrigerators, Freezers, Chillers
N/A	Vending Machines, Food Display Cases
N/A	Walk-in Coolers
N/A	Water Fountains (bubblers)
N/A	Fire Extinguishers (both portable and installed HALON suppression systems)
N/A	Water Coolers

#### **LEAD**

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

#### **MERCURY**

Products that may contain mercury:

### LIGHTING

N/A Fluorescent Lights

N/A High Intensity Discharge

-Metal Halide

-High Pressure Sodium

-Mercury Vapor

N/A Neon

N/A Switches for lighting using mercury relays

-Look for any control associated with exterior or automated

lighting systems such as "Silent" wall switches.

#### **HVAC**

Check thermostats and any control associated with air handling units for switches containing mercury.

### HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

<u>N/A</u> Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

### BOILERS, FURNACES, HEATERS AND TANKS – 1 Furnace in Basement

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

	N/A	Load Meters and Supply Relays
	N/A	Phase Splitters
	N/A	Microwave Relays
	N/A	Mercury Displacement Relays
PCBs a	nd should be r	manufactured prior to 1987, it is safe to assume that they contain nanaged accordingly. Most equipment manufactured after this time The following is a list of areas in a building were PCBs may be
iouiia.	N/A	Transformers
	N/A	Capacitors (appliances, electronic equipment)
	N/A	Heat Transfer Equipment
	N/A	Ballasts
	N/A	Specialty Paints (such as for swimming pools or other industrial
	N/A	applications) Sumps or Oil Traps (in maintenance and industrial facilities)
ОТНЕ	R ENVIRON	MENTAL ISSUES
	N/A	Hazardous Waste
	N/A	Oil Tanks
	N/A	Well Abandonment
	N/A	Junk Auto Tires
	1	Junk Vehicles – Car in Garage

**ELECTRICAL SYSTEMS – Three Electrical Boxes in Basement & Attic** 

<sup>\* 6</sup> Gallons Paint 1st Floor West Bedroom

# IX. ASBESTOS LABORATORY RESULTS

#### **Analysis Report**



# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Order #:

330598

08/08/19

08/14/19

08/15/19

**Customer:** Harenda Management Group (5065)

Address: 1237 West Bruce Street

Milwaukee, WI 53204

Attn: Received
Analyzed
Reported

Project:

Location: Wisconsin Number: 19-400-037.2841

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

Method:	EPA 600/R	k-93/116 & 40	CFR App. E Sub. E Pt.	763 <b>PLM</b>	Analysis
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
330598-001	08/06/19	1	Wisconsin		
Layer 1:	Fibrous N	/laterial		55% CHRYSOTILE	35% CELLULOSE FIBER
Gray, Fi	brous				10% NON FIBROUS MATERIAL
330598-002	08/06/19	2	Wisconsin		
Layer 1:	Fibrous N	/laterial		55% CHRYSOTILE	35% CELLULOSE FIBER
Gray, Fi	brous				10% NON FIBROUS MATERIAL
330598-003	08/06/19	3	Wisconsin		
Layer 1:	Fibrous N	/laterial		55% CHRYSOTILE	35% CELLULOSE FIBER
Gray, Fi	brous				10% NON FIBROUS MATERIAL
330598-004	08/06/19	4	Wisconsin		
Layer 1:	Floor Tile			None Detected	100% NON FIBROUS MATERIAL
Tan, Or	ganically Bo	ound			
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
Clear, S	oft				
330598-005	08/06/19	5	Wisconsin		
Layer 1:	Floor Tile			None Detected	100% NON FIBROUS MATERIAL
Beige, C	Organically	Bound			
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
Tan, So	ft				
330598-006	08/06/19	6	Wisconsin		
Layer 1:	Linoleum			None Detected	30% CELLULOSE FIBER
Yellow,	Fibrous				45% NON FIBROUS MATERIAL
					25% SYNTHETIC FIBER

Sample was inhomogenous, subsamples of each component were analyzed separately.

Location: Wisconsin
Number: 19-400-037.2841

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

wethou.	LI A 000/F	-93/110 Q 40	CER App. E Sub. E Ft.	700 PLIVI	Allalysis
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
330598-007	08/06/19	7	Wisconsin		
Layer 1:	Plaster			None Detected	2% ANIMAL HAIR
Gray, G	ranular				98% NON FIBROUS MATERI.
Layer 2:	Skim Coa	at		None Detected	100% NON FIBROUS MATERIA
White, 0	-ranular				
330598-008	08/06/19	8	Wisconsin		
Layer 1:	Drywall			None Detected	5% CELLULOSE FIBER
White, F	Powdery				95% NON FIBROUS MATERI.
Layer 2:	Skim Coa	at		None Detected	100% NON FIBROUS MATERIA
White, 0	Granular				
330598-009	08/06/19	9	Wisconsin		
Layer 1:	Plaster			None Detected	2% ANIMAL HAIR
White, 0	Granular				98% NON FIBROUS MATERI.
330598-010	08/06/19	10	Wisconsin		
Layer 1: Tan, Ru	Floor Tile bbery			None Detected	100% NON FIBROUS MATERI
330598-011	08/06/19	11	Wisconsin		
Layer 1: Tan, Ru	Floor Tile bbery			None Detected	100% NON FIBROUS MATERIA
330598-012	08/06/19	12	Wisconsin		
Layer 1: Tan, Ru	Floor Tile bbery			None Detected	100% NON FIBROUS MATERIA
330598-013	08/06/19	13	Wisconsin		
Layer 1:	Linoleum			None Detected	55% CELLULOSE FIBER
Gray, Fi	brous				45% NON FIBROUS MATERIA
			<del>-</del>	mponent were analyzed separa	tely.
330598-014	08/06/19	14	Wisconsin		
Layer 1:	Linoleum			None Detected	55% CELLULOSE FIBER
Beige, F	ibrous				45% NON FIBROUS MATERI

Sample was inhomogenous, subsamples of each component were analyzed separately.

Location: Wisconsin
Number: 19-400-037.2841

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

Method:	EPA 600/R	2-93/116 & 40	CFR App. E Sub. E Pt. 763	PLM An	alysis	
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
330598-015	08/06/19	15	Wisconsin			
Layer 1:	Vermiculi			2% FIBROUS TREMOLITE		NON FIBROUS MATERIAL
Gray/Sil	ver, Granul	ar/Soft			90%	VERMICULITE
330598-016	08/06/19	16	Wisconsin			
Layer 1:	Vermiculi	te		2% FIBROUS TREMOLITE	8%	NON FIBROUS MATERIAL
Gray/Sil	ver, Granul	ar/Soft			90%	VERMICULITE
330598-017	08/06/19	17	Wisconsin			
Layer 1:	Vermiculi			2% FIBROUS TREMOLITE		NON FIBROUS MATERIAL
Gray/Sil	ver, Granul	ar/Soft			90%	VERMICULITE
330598-018	08/06/19	18	Wisconsin			
Layer 1:	Floor Tile			None Detected	100%	NON FIBROUS MATERIAL
Olive, O	rganically E	Bound				
330598-019	08/06/19	19	Wisconsin			
Layer 1:	Fibrous M	/laterial		None Detected		CELLULOSE FIBER
Gray, Fi	brous				20%	NON FIBROUS MATERIAL
Layer 2:	Adhesive			None Detected	100%	NON FIBROUS MATERIAL
Yellow,	Soft					
330598-020	08/06/19	20	Wisconsin			
Layer 1:	Fibrous M	/laterial		None Detected	80%	CELLULOSE FIBER
Gray, Fi	brous				20%	NON FIBROUS MATERIAL
Layer 2:	Adhesive			None Detected	100%	NON FIBROUS MATERIAL
Yellow,	Soft					
330598-021		21	Wisconsin			
Layer 1:	Fibrous M	/laterial		None Detected		CELLULOSE FIBER
Gray, Fi	brous				20%	NON FIBROUS MATERIAL
Layer 2:	Adhesive			None Detected	100%	NON FIBROUS MATERIAL
Yellow,	Soft					
330598-022	08/06/19	22	Wisconsin			
Layer 1:	Flooring			None Detected		CELLULOSE FIBER
Green/B	lack, Fibro	us				NON FIBROUS MATERIAL
					30%	SYNTHETIC FIBER

Sample was inhomogenous, subsamples of each component were analyzed separately.

Location: Wisconsin
Number: 19-400-037.2841

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

Method:	EPA 600/F	R-93/116 & 4	0 CFR App. E Sub. E Pt. 763	PLM	Analysis	
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
330598-023	08/06/19	23	Wisconsin			
Layer 1:	Flooring			None Detected	100%	NON FIBROUS MATERIAL
Tan/Gre	en, Rubbe	ry				
	00/00//0	•				
330598-024	08/06/19	24	Wisconsin	Name Detected		
Layer 1:	Plaster			None Detected		ANIMAL HAIR NON FIBROUS MATERIAL
White, 0	Jianulai				97%	NON FIBROUS WATERIAL
330598-025	08/06/19	25	Wisconsin			
Layer 1:	Plaster			None Detected		ANIMAL HAIR
White, 0	Granular				98%	NON FIBROUS MATERIAL
330598-026	08/06/19	26	Wisconsin			
Layer 1:	Plaster			None Detected	2%	ANIMAL HAIR
White, C	Granular				98%	NON FIBROUS MATERIAL
330598-027	08/06/19	27	Wisconsin			
Layer 1:	Plaster			None Detected	2%	ANIMAL HAIR
White, C	Granular				98%	NON FIBROUS MATERIAL
330598-028	08/06/19	28	Wisconsin			
Layer 1:	Plaster			None Detected		ANIMAL HAIR
White, 0	Granular				98%	NON FIBROUS MATERIAL
330598-029	08/06/19	29	Wisconsin			
Layer 1:	Plaster			4% CHRYSOTILE	96%	NON FIBROUS MATERIAL
Gray, G	ranular					
330598-030	08/06/19	30	Wisconsin	N 5 / / /		
Layer 1:	Fibrous N	/laterial		None Detected		CELLULOSE FIBER
Tan, Fib	orous				10%	NON FIBROUS MATERIAL
330598-031	08/06/19	31	Wisconsin			
Layer 1:	Rubbery	Material		None Detected	100%	NON FIBROUS MATERIAL
White, F	-					
Layer 2:	Adhesive			None Detected	100%	NON FIBROUS MATERIAL
Yellow,	Soft					
220502 222	00/00/40	22	Winner			
330598-032	08/06/19	32	Wisconsin	Nana Datastad	450/	OFFILIN OOF FIRED
Layer 1:	Paper	- Tibrous		None Detected		CELLULOSE FIBER
ыаск, В	Bituminous/	PIDIOUS				NON FIBROUS MATERIAL
					45%	SYNTHETIC FIBER

Location: Wisconsin
Number: 19-400-037.2841

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

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Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
330598-033	08/06/19	33	Wisconsin		
Layer 1:	Paper			None Detected	45% CELLULOSE FIBER
Black, B	ituminous/	Fibrous			10% NON FIBROUS MATERIAL
					45% SYNTHETIC FIBER
330598-034	08/06/19	34	Wisconsin		
Layer 1:	Paper			None Detected	45% CELLULOSE FIBER
Black, B	ituminous/	Fibrous			10% NON FIBROUS MATERIAL
					45% SYNTHETIC FIBER
330598-035	08/06/19	35	Wisconsin		
Layer 1:	Roof Shir	ngle		None Detected	15% CELLULOSE FIBER
Gray/Bla	ack, Bitumi	nous			70% NON FIBROUS MATERIAL
					15% SYNTHETIC FIBER
Sample	was inho	mogenous, s	ubsamples of each co	mponent were analyzed separa	itely.
330598-036	08/06/19	36	Wisconsin		
Layer 1:	Roof Shir	ngle		None Detected	15% CELLULOSE FIBER
Gray/Bla	ack, Bitumi	nous			70% NON FIBROUS MATERIAL
					15% SYNTHETIC FIBER
Sample	was inho	moaenous, s	ubsamples of each co	mponent were analyzed separa	itelv.
	was inho	mogenous, s	ubsamples of each co Wisconsin	mponent were analyzed separa	itely.
		37	<u> </u>	emponent were analyzed separa  None Detected	15% CELLULOSE FIBER
330598-037 Layer 1:	08/06/19 Roof Shir	37 ngle	<u> </u>		-
330598-037 Layer 1:	08/06/19	37 ngle	<u> </u>		15% CELLULOSE FIBER
330598-037 Layer 1: Gray/Bla	08/06/19 Roof Shir ack, Bitumi	37 ngle nous	Wisconsin	None Detected	15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
330598-037 Layer 1: Gray/Bla	08/06/19 Roof Shir ack, Bitumi	37 ngle nous	Wisconsin		15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
330598-037 Layer 1: Gray/Bla Sample 330598-038	08/06/19 Roof Shirack, Bitumin was inhoro	37 ngle nous mogenous, s	Wisconsin ubsamples of each co	None Detected	15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
330598-037 Layer 1: Gray/Bla Sample 330598-038 Layer 1:	08/06/19 Roof Shii ack, Bitumii was inhoi 08/06/19 Glazing	37 ngle nous mogenous, s	Wisconsin ubsamples of each co	None Detected  mponent were analyzed separa	15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
330598-037 Layer 1: Gray/Bla Sample 330598-038	08/06/19 Roof Shii ack, Bitumii was inhoi 08/06/19 Glazing	37 ngle nous mogenous, s	Wisconsin ubsamples of each co	None Detected  mponent were analyzed separa	15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
330598-037 Layer 1:     Gray/Bla      Sample 330598-038 Layer 1:     Gray, Gr	08/06/19 Roof Shii ack, Bitumii was inhoi 08/06/19 Glazing	37 ngle nous mogenous, s	Wisconsin ubsamples of each co	None Detected  mponent were analyzed separa	15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
330598-037 Layer 1:     Gray/Bla  Sample 330598-038 Layer 1:     Gray, Gr	08/06/19 Roof Shii ack, Bitumii was inhoi 08/06/19 Glazing ranular	37 ngle nous <b>mogenous, s</b> i 38	Wisconsin  ubsamples of each co  Wisconsin	None Detected  mponent were analyzed separa	15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
330598-037 Layer 1:     Gray/Bla  Sample 330598-038 Layer 1:     Gray, Gray, Gray Layer 1:	08/06/19 Roof Shii ack, Bitumii was inhoi 08/06/19 Glazing ranular 08/06/19 Glazing	37 ngle nous <b>mogenous, s</b> i 38	Wisconsin  ubsamples of each co  Wisconsin	None Detected  mponent were analyzed separa  3% CHRYSOTILE	15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER  stely.  97% NON FIBROUS MATERIAL
330598-037 Layer 1:     Gray/Bla  Sample 330598-038 Layer 1:     Gray, Gray, Gray, Gray	08/06/19 Roof Shii ack, Bitumii was inhoi 08/06/19 Glazing ranular 08/06/19 Glazing	37 ngle nous <b>mogenous, s</b> i 38	Wisconsin  ubsamples of each co  Wisconsin	None Detected  mponent were analyzed separa  3% CHRYSOTILE	15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER  stely.  97% NON FIBROUS MATERIAL
330598-037 Layer 1:     Gray/Bla  Sample 330598-038 Layer 1:     Gray, Gi  330598-039 Layer 1:     Gray, Gi	08/06/19 Roof Shii ack, Bitumii was inhoi 08/06/19 Glazing ranular 08/06/19 Glazing	37 ngle nous <b>mogenous, s</b> i 38	Wisconsin  ubsamples of each co  Wisconsin	None Detected  mponent were analyzed separa  3% CHRYSOTILE	15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER  stely.  97% NON FIBROUS MATERIAL
330598-037 Layer 1:     Gray/Bla  Sample 330598-038 Layer 1:     Gray, Gi  330598-039 Layer 1:     Gray, Gi	08/06/19 Roof Shii ack, Bitumii was inhoi 08/06/19 Glazing ranular 08/06/19 Glazing ranular	37 ngle nous mogenous, si 38	wisconsin  ubsamples of each co  Wisconsin  Wisconsin	None Detected  mponent were analyzed separa  3% CHRYSOTILE	15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER  stely.  97% NON FIBROUS MATERIAL
330598-037 Layer 1:     Gray/Bla  Sample 330598-038 Layer 1:     Gray, Gi  330598-039 Layer 1:     Gray, Gi  330598-040	08/06/19 Roof Shii ack, Bitumii was inhoi 08/06/19 Glazing ranular 08/06/19 Glazing ranular 08/06/19 Glazing ranular	37 ngle nous mogenous, si 38	wisconsin  ubsamples of each co  Wisconsin  Wisconsin	None Detected  mponent were analyzed separa  3% CHRYSOTILE  3% CHRYSOTILE	15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER  97% NON FIBROUS MATERIAL  97% NON FIBROUS MATERIAL
330598-037 Layer 1:     Gray/Bla  Sample 330598-038 Layer 1:     Gray, G	08/06/19 Roof Shii ack, Bitumii was inhoi 08/06/19 Glazing ranular 08/06/19 Glazing ranular 08/06/19 Glazing ranular	37 ngle nous mogenous, si 38	wisconsin  ubsamples of each co  Wisconsin  Wisconsin	None Detected  mponent were analyzed separa  3% CHRYSOTILE  3% CHRYSOTILE	15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER  97% NON FIBROUS MATERIAL  97% NON FIBROUS MATERIAL
330598-037 Layer 1:     Gray/Bla  Sample 330598-038 Layer 1:     Gray, Gi  330598-039 Layer 1:     Gray, Gi  330598-040 Layer 1:     Gray, Gi	08/06/19 Roof Shii ack, Bitumii was inhoi 08/06/19 Glazing ranular 08/06/19 Glazing ranular 08/06/19 Glazing ranular	37 ngle nous mogenous, si 38	wisconsin  ubsamples of each co  Wisconsin  Wisconsin	None Detected  mponent were analyzed separa  3% CHRYSOTILE  3% CHRYSOTILE	15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER  97% NON FIBROUS MATERIAL  97% NON FIBROUS MATERIAL
330598-037 Layer 1:     Gray/Bla  Sample 330598-038 Layer 1:     Gray, G	08/06/19 Roof Shii ack, Bitumii was inhoi 08/06/19 Glazing ranular 08/06/19 Glazing ranular 08/06/19 Glazing ranular	37 ngle nous mogenous, s 38 39 40	wisconsin  wisconsin  wisconsin  wisconsin	None Detected  mponent were analyzed separa  3% CHRYSOTILE  3% CHRYSOTILE	15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER  97% NON FIBROUS MATERIAL  97% NON FIBROUS MATERIAL

Sample was inhomogenous, subsamples of each component were analyzed separately.

Location: Wisconsin
Number: 19-400-037.2841

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

	Oonected	Cust. ID	Location	Asbestos Fibers	Other Materials
30598-042	08/06/19	42	Wisconsin		
Layer 1:	Roof Shir	ngle		None Detected	20% MINERAL/GLASS WOOL
Gray/Bla	ack, Bitumir	nous			80% NON FIBROUS MATERIAL
Sample	was inhor	nogenous, s	ubsamples of each co	mponent were analyzed separa	itely.
30598-043	08/06/19	43	Wisconsin		
Layer 1:	Roof Shir	ngle		None Detected	20% MINERAL/GLASS WOOL
Gray/Bla	ack, Bitumir	nous			80% NON FIBROUS MATERIAL
Sample	was inhor	nogenous, s	ubsamples of each co	mponent were analyzed separa	itely.
30598-044	08/06/19	44	Wisconsin		
Layer 1:	Roof Shir	ngle		None Detected	15% CELLULOSE FIBER
Red/Bla	ck, Bitumin	ous			70% NON FIBROUS MATERIAL
					15% SYNTHETIC FIBER
Sample	was inhor	nogenous, s	ubsamples of each co	mponent were analyzed separa	itely.
30598-045		45	Wisconsin		
Layer 1:	Roof Shir	ngle		None Detected	15% CELLULOSE FIBER
Red/Bla	ck, Bitumin	ous			70% NON FIBROUS MATERIAL
					15% SYNTHETIC FIBER
Sample	was inhor	nogenous, s	ubsamples of each co	emponent were analyzed separa	itely.
		46	·	<u> </u>	
30598-046	08/06/19	40	Wisconsin		
Layer 1:	08/06/19 Roof Shir		Wisconsin	None Detected	15% CELLULOSE FIBER
Layer 1:			Wisconsin	None Detected	15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
Layer 1:	Roof Shir		Wisconsin	None Detected	
Layer 1: Black, E	Roof Shir Bituminous	ngle			70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
Layer 1: Black, E Sample	Roof Shir Bituminous	ngle mogenous, s		None Detected  mponent were analyzed separa	70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
Layer 1: Black, E Sample 30598-047	Roof Shir Bituminous was inhor 08/06/19	ngle mogenous, s 47	ubsamples of each co		70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
Layer 1: Black, E Sample 30598-047 Layer 1:	Roof Shir Bituminous was inhor 08/06/19 Roof Shir	ngle mogenous, s 47	ubsamples of each co	emponent were analyzed separa	70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER Itely.
Layer 1: Black, E Sample 30598-047 Layer 1:	Roof Shir Bituminous was inhor 08/06/19	ngle mogenous, s 47	ubsamples of each co	emponent were analyzed separa	70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER  Itely.  15% CELLULOSE FIBER
Layer 1: Black, E Sample 30598-047 Layer 1: Black, E	Roof Shir Bituminous was inhor 08/06/19 Roof Shir Bituminous	ngle mogenous, s 47 ngle	ubsamples of each co Wisconsin	emponent were analyzed separa  None Detected	70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER  15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
Layer 1: Black, E  Sample 30598-047 Layer 1: Black, E  Sample	Roof Shir Bituminous was inhor 08/06/19 Roof Shir Bituminous	ngle mogenous, s 47 ngle	ubsamples of each co Wisconsin	emponent were analyzed separa	70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER  15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
Sample 30598-047 Layer 1: Black, E Sample 330598-048	Roof Shir Bituminous was inhor 08/06/19 Roof Shir Bituminous was inhor 08/06/19	mogenous, s 47 ngle mogenous, s 48	ubsamples of each co Wisconsin ubsamples of each co	emponent were analyzed separa  None Detected	70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER  15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER  Itely.
Layer 1: Black, E  Sample 30598-047 Layer 1: Black, E  Sample 30598-048 Layer 1:	Roof Shir Bituminous was inhor 08/06/19 Roof Shir Bituminous was inhor 08/06/19 Roof Shir	mogenous, s 47 ngle mogenous, s 48	ubsamples of each co Wisconsin ubsamples of each co	None Detected  mponent were analyzed separa	70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER  15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
Sample 30598-047 Layer 1: Black, E Sample 30598-048 Layer 1:	Roof Shir Bituminous was inhor 08/06/19 Roof Shir Bituminous was inhor 08/06/19	mogenous, s 47 ngle mogenous, s 48	ubsamples of each co Wisconsin ubsamples of each co	None Detected  mponent were analyzed separa	70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER  15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER  15% CELLULOSE FIBER
Sample 30598-047 Layer 1: Black, E Sample 30598-048 Layer 1: Black, E	Roof Shir Bituminous was inhor 08/06/19 Roof Shir Bituminous was inhor 08/06/19 Roof Shir Bituminous	mogenous, s 47 ngle mogenous, s 48 ngle	ubsamples of each co Wisconsin ubsamples of each co Wisconsin	None Detected  were analyzed separate of the control of the contro	70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER  15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER  15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
Sample 30598-047 Layer 1: Black, E Sample 30598-048 Layer 1: Black, E Sample Sample	Roof Shir Bituminous was inhor 08/06/19 Roof Shir Bituminous was inhor 08/06/19 Roof Shir Bituminous	mogenous, s 47 ngle mogenous, s 48 ngle mogenous, s	ubsamples of each co Wisconsin ubsamples of each co Wisconsin	None Detected  mponent were analyzed separa	70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER  15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER  15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
Sample	Roof Shir Bituminous was inhor 08/06/19 Roof Shir Bituminous was inhor 08/06/19 Roof Shir Bituminous	mogenous, s 47 ngle mogenous, s 48 ngle mogenous, s 48	ubsamples of each co Wisconsin ubsamples of each co Wisconsin	None Detected  Mone Detected  Mone Detected  None Detected  None Detected	70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER  15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER  15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER  15% SYNTHETIC FIBER
Layer 1: Black, E  Sample 30598-047 Layer 1: Black, E  Sample 30598-048 Layer 1: Black, E  Sample 30598-049 Layer 1:	Roof Shir Bituminous was inhor 08/06/19 Roof Shir Bituminous was inhor 08/06/19 Roof Shir Bituminous	mogenous, s 47 ngle mogenous, s 48 ngle mogenous, s 48	ubsamples of each co Wisconsin ubsamples of each co Wisconsin	None Detected  were analyzed separate of the control of the contro	70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER  15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER  15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any aspectos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be

Location: Wisconsin

Number: 19-400-037.2841

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis** 

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Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
330598-050	08/06/19	50	Wisconsin		
Layer 1:	Fibrous N	/laterial		None Detected	90% CELLULOSE FIBER
Tan, Fib	orous				10% NON FIBROUS MATERIAL
330598-051	08/06/19	51	Wisconsin		
Layer 1:	Fibrous N	/laterial		None Detected	90% CELLULOSE FIBER
White/T	an, Fibrous	;			10% NON FIBROUS MATERIAL
330598-052	08/06/19	52	Wisconsin		
Layer 1:	Fibrous N	/laterial		None Detected	90% CELLULOSE FIBER
Tan, Fib	orous				10% NON FIBROUS MATERIAL
330598-053	08/06/19	53	Wisconsin		
Layer 1:	Bitumino	us Material		None Detected	15% CELLULOSE FIBER
Black, E	Bituminous				75% NON FIBROUS MATERIAL
					10% SYNTHETIC FIBER

EPA Regulatory Limit: 1%

Total layers analyzed on order: 61

330598-08/15/19 09:35 AM

Reviewed By: Irma Faszewski

QAQC Director



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fghraizi UPS

8/8/2019 9:5 3:08 AM 1Z2E2899846 39123:22

Submitting Co.	Harenda Managem	ent Group	State of Collection	WI	Cert. Requi		☐ YES	□ NO	
1237 West Bruce St	treet		Acct#	5065	Phone	$\overline{}$	(4	14) 647-153	30
Milwaukee, WI 5320	04		Email	dean.jacol	osen@kphenviro	nmeni	ntal.com		
Project Name			PO#						
Project Location	Wisconsin		Special Inst	ructions:				,	
Project Number	19-400-037.2841	· ·							• .
Collected By			<u> </u>					_	
Turn Around	Matrix	Tests/A	nalytes (	Select ALL th	at Apply) Blank sp	aces ar	e for additio	nal analytes	
□ 2 Hour *	☐ Air	Asbestos in Bulk	Metal	s Total	TCLP	The State State of the	N	1icrobiolog	y
☐ Same day *	☐ Paint	■ PLM	☐ Lead		☐ Lead		☐ BACT (	MPN/PA)	
☐ 1 business day	☐ Soil	☐ PLM Qualitative	☐ RCRA	8 Metals	☐ RCRA 8 Meta	als ·	☐ Mold [	Direct Exam	·
☐ 2 business days	□ Wipe	☐ 400 Point Count	☐ Chrom	nium VI	☐ Full TCLP		☐ Allerge	ens	
☐ 3 business days	■ Bulk	☐ 1000 Point Count	☐ Mercu	ıry	(w/ organics 10 Day)		S	ub-Contra	ct
✓ 5 business days	□ Waste Water	☐ Gravimetric Prep					□ ТЕМ С	hatfield	
* not available for all tests	☐ Ground Water	Asbestos in Air		metric	Miscellaneo	- 25	☐ TEM A	HĘRA	
** past 3 PM the TAT will begin next business day	☐ Drinking Water	□ РСМ	☐ Total I		☐ Silica FTIR (7	602)	☐ TEM 7	402	
Please schedule rush tests in advance	☐ TSP / PM10	☐ PCM-B Rules	□ Resp. NIOSH	Dust 1 0600		1	□ Silica )	(RD (7500)	
Sample.#	Date Time Sampled Sampled	Sample Identific (Employee, Bldg,Mater		Wipe Area	Time <sup>2</sup> Start St	ор	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
1	866								
2									
3									
4									
5									
6				.*					
7									
8									
9					·				
10	<b>V</b>								
1-		queous and Solid samples ense						<u> </u>	
	A=Area, B=Blank, P=Persona	I, E=Excursion <sup>2</sup> Beginning/E	nd of Sample P	eriod <sup>3</sup> Liters/	Minute *Volume in L		ne in min × flow		
Relinquished By:	lan Jawbsen	Signature:	worm		Date/Time_	717	119 170	<u></u>	



Submitting Co.	Harenda I	Manageme	ent Group	State of Collection	WI :		Cert. Required	☐ YES	□ NO	
1237 West Bruce St	reet			Acct#	5065		Phone	(4	14) 647-153	30
Milwaukee, WI 5320	)4			Email	dean.jacol	bsen@kphe	nvironmen	mtal.com		
Project Name				PO #						
Project Location	Wisconsir	n ·		Special Insti	ructions:					
Project Number	19-400-03	37.2841								
Collected By									_	
Turn Around Time **	Ma	trix	Tests/A	nalytes (	Select ALL th	at Apply) Bla	ink spaces a	re for additio	nal analytes	de s
☐ 2 Hour *	☐ Air		Asbestos in Bulk	Metal	s Total	TC	LP _	N	/licrobiolog	у
☐ Same day *	☐ Paint		■ PLM	☐ Lead		☐ Lead		□ BACT (	(MPN/PA)	
☐ 1 business day	☐ Soil		☐ PLM Qualitative	☐ RCRA	8 Metals	☐ RCRA 8	3 Metals	1	Direct Exam	
☐ 2 business days	☐ Wipe		☐ 400 Point Count	☐ Chrom		☐ Full TC (w/ organics 10		☐ Allerge		-
☐ 3 business days	■ Bulk		☐ 1000 Point Count		ıry	(w) organics It	о Бау)		ub-Contrac	<u> </u>
☑ 5 business days	☐ Waste	e Water nd Water	☐ Gravimetric Prep		metric	li s paralisin	aneous	☐ TEM C		
* not available for all tests  ** past 3 PM the TAT will begin	1	ing Water	Asbestos in Air				TIR (7602)	☐ TEM 7		
next business day	□ TSP /	_	☐ PCM-B Rules		Dust 1 0500 Dust 1 0600	``	· (7002)		402 KRD (7500)	Thought is
Please schedule rush tests in advance			- PCIVIPO Nules	- NIOSE	1 0600			l Silica /	(7500)	
Sample #	Date	Time	Sample Identific	ation	Wipe	Tin	ne²	Flow	Rate <sup>3</sup>	Total Air <sup>4</sup>
Sample #	Date Sampled	Time Sampled	Sample Identific (Employee, Bldg,Mater		Wipe Area	Tin Start	ne <sup>2</sup> Stop	Flow	Rate <sup>3</sup> Stop	Total Air⁴
Sample:#						\$ 100 market 100 miles 2000		<b>"这个人的一种比例是这种</b>	STATE OF THE STATE	Total Air <sup>4</sup>
	Sampled					\$ 100 market 100 miles 2000		<b>"这个人的一种比例是这种</b>	STATE OF THE STATE	Total Air <sup>4</sup>
<u> </u>	Sampled					\$ 100 market 100 miles 2000		<b>"这个人的一种比例是这种</b>	STATE OF THE STATE	Total Air <sup>4</sup>
12	Sampled					\$ 100 market 100 miles 2000		<b>"这个人的一种比例是这种</b>	STATE OF THE STATE	Total Air <sup>4</sup>
\( \lambda \)	Sampled					\$ 100 market 100 miles 2000		<b>"这个人的一种比例是这种</b>	STATE OF THE STATE	Total Air <sup>4</sup>
12 13 14	Sampled					\$ 100 market 100 miles 2000		<b>"这个人的一种比例是这种</b>	STATE OF THE STATE	Total Air <sup>4</sup>
12 13 14 15	Sampled					\$ 100 market 100 miles 2000		<b>"这个人的一种比例是这种</b>	STATE OF THE STATE	Total Air <sup>4</sup>
17 13 14 15	Sampled					\$ 100 market 100 miles 2000		<b>"这个人的一种比例是这种</b>	STATE OF THE STATE	Total Air <sup>4</sup>
17 13 14 15 16	Sampled					\$ 100 market 100 miles 2000		<b>"这个人的一种比例是这种</b>	STATE OF THE STATE	Total Air <sup>4</sup>
17 13 14 15 16 17	Sampled					\$ 100 market 100 miles 2000		<b>"这个人的一种比例是这种</b>	STATE OF THE STATE	Total Air <sup>4</sup>
17 13 14 15 16 17 18 19	Sampled 8/6/19	Sampled	(Employee, Bldg,Mater	ial, Type <sup>1</sup> )	Area	Start  duplicate and sp	Stop	Start	Stop	Total Air <sup>4</sup>
17 13 14 15 16 17 18 19	Sampled S(6(19)	For Acink, P=Persona	queous and Solid samples ens	ial, Type <sup>1</sup> )	Area	Start  duplicate and sp	ike analysis me in Liters [tli	Start  me in min × flov	Stop	Total Air <sup>4</sup>
17 13 14 15 16 17 18 19	Sampled 8/6/19	For Adank, P=Persona	queous and Solid samples ens	ure enough san	Area  nple is sent for eriod <sup>3</sup> Liters/	duplicate and sp //Minute 4Volu	ike analysis me in Liters [th	Start	Stop	Total Air <sup>4</sup>



and the second second of the second s		-		ā	le come de la come	· I· _	
Submitting Co.	Harenda Mana	agement Group	State of Collection	WI	Cert. Required	☐ YES ☐ NO	
1237 West Bruce St	reet	· .	Acct #	5065	Phone	(414) 647-153	30
Milwaukee, WI 5320	)4		Email	dean.jacob	osen@kphenvironmen	mtal.com	
Project Name			PO#		<u> </u>		
Project Location	Wisconsin		Special Inst	ructions:			
Project Number	19-400-037.28	341					
Collected By					· 		
Turn Around Time **	Matrix	Tests	/Analytes (	Select ALL th	at Apply) Blank spaces a	re for additional analytes	
☐ 2 Hour *	☐ Air	Asbestos in Bu	lk Meta	ls Total	TCLP	Microbiolog	y
☐ Same day *	☐ Paint	■ PLM	☐ Lead	· · ·	☐ <b>Le</b> ad	☐ BACT (MPN/PA)	
☐ 1 business day	☐ Soil	☐ PLM Qualitativ	ve 🛮 🗆 RCRA	8 Metals	☐ RCRA 8 Metals	☐ Mold Direct Exam	
☐ 2 business days	☐ Wipe	☐ 400 Point Cou	ınt 📗 🗆 Chror	mium VI	☐ Full TCLP	☐ Allergens	
☐ 3 business days	■ Bulk	☐ 1000 Point Co	unt	ury	(w/ organics 10 Day)	Sub-Contract	
☑ 5 business days	☐ Waste Wa	ter Gravimetric Pr	rep 🗆			☐ TEM Chatfield	
• not available for all tests	☐ · Ground W	Asbestos in Ai	end for the same	imetric	Miscellaneous	☐ TEM AHERA	
** past 3 PM the TAT will begin next business day	☐ Drinking W			Dust H 0500	☐ Silica FTIR (7602)	☐ TEM 7402	
Please schedule rush tests in advance	☐ TSP / PM1	0 PCM-B Rules	□ Resp.	Dust H 0600		☐ Silica XRD (7500)	
in dayonee							
Sample #	1 A-1 A-1	ime Sample Iden mpled (Employee, Bldg,N		Wipe Area	Time <sup>2</sup> Start Stop	Flow Rate Stop	Total Air <sup>4</sup>
21	81619						
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23				,			
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ลา		·					
28							
29							
<i>3</i> 0							
		For Aqueous and Solid sample					₹ <u>1</u>
<sup>1</sup> Type	: A=Area, B=Blank, P	=Personal, E=Excursion <sup>2</sup> Beging	ning/End of Sample	Period <sup>3</sup> Liters	· /	time in min × flow in L/min]	
Relinquished By:	en Jaw	Signature:	an de	_	Date/Time <u>\&amp;</u>	[19 17vn)	
		ALL SHADED FIELD		COMPANIE ON THE PROPERTY OF THE			Market Market 1925



S. JANAMARA II. MARKATANIA											
Submitting Co.	Harenda I	Manageme	ent Group	State of Collection	WI ·	VI Cer Red		☐ YES ☐ NO			
1237 West Bruce St	reet			Acct#	5065		Phone	(414) 647-1530			
Milwaukee, WI 5320	)4			Email	mail dean.jacobsen@kphenvironmenmtal.com						
Project Name				PO#							
Project Location	Wisconsir	1		Special Insti	ructions:						
Project Number	19-400-03	37.2841									
Collected By											
Turn Around Time **	Ma	trix	Tests/A	nalytes (	Select ALL th	at Apply) Bla	ank spaces ar	e for additio	nal analytes		
□ 2 Hour *	☐ Air		Asbestos in Bulk	Metal	s Total	TC	LP	N	1icrobiolog	У	
☐ Same day *	☐ Paint		■ PLM	☐ Lead		☐ Lead		□ BACT (	MPN/PA)		
☐ 1 business day	☐ Soil		☐ PLM Qualitative	☐ RCRA	8 Metals	☐ RCRA	8 Metals	☐ Mold [	Direct Exam		
☐ 2 business days	☐ Wipe		☐ 400 Point Count	☐ Chrom	nium VI	☐ Full TO		☐ Allerge	ens		
☐ 3 business days	■ Bulk		☐ 1000 Point Count	☐ Mercu	ıry	(w/ organics 1	O Day)	S	ub-Contrac	t	
☑ 5 business days	☐ Waste		☐ Gravimetric Prep					☐ TEM Chatfield			
* not available for all tests  ** past 3 PM the TAT will begin	☐ Ground Water		Asbestos in Air	Gravimetric		Miscellaneous		☐ TEM AHERA			
next business day	□ Drinking Water □ PCIVI		☐ Total Dust NIOSH 0500		☐ Silica FTIR (7602)		☐ TEM 7402				
Please schedule rush tests in advance	□ TSP /	PM10	☐ PCM-B Rules	□ Resp. NIOSI	Dust I 0600		t ty of two 170	L Silica >	(RD (7500)	on Name 1 Prince Supervisor	
Sample #	Date Sampled	Time Sampled	Sample Identific (Employee, Bldg,Mate		Wipe Area	ग। Start	ne² Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>	
3(	8/6/19	2 November 2017									
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34							,				
35											
36						<u> </u>					
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39											
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\$ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			queous and Solid samples en				pike analysis ume in Liters [ti	me in min v flo	win I /min1	18.50	
Туре	$\overline{}$		al, E=Excursion <sup>2</sup> Beginning/	End of Sample I	renoa Liters				- ar e/ amil		
Relinquished By:	)QanJe	<u> </u>	Signature:		1,11,11,11,11,11,11,11,11,11,11,11,11	Date	e/Time	10 7/10			
Part of the first of	* * * * * * * * * * * * * * * * * * *	! ALL	SHADED FIELDS	MUST BE	HILLEDIT	OKVOID	DELAYS			4.446	



Submitting Co.	Harenda N	Manageme	nt Group	State of	wi		Cert.	☐ YES	□ NO	11
1237 West Bruce St				Collection Acct #	5065		Required Phone	(4	14) 647-153	0
Milwaukee, WI 5320	)4		· · · · · · · · · · · · · · · · · · ·	Email	dean.jacobsen@kphenvironmenmtal.com					
Project Name				PO#			-			
Project Location	Wisconsin			Special Inst	ructions:	,				٠.
Project Number	19-400-03	7.2841		<u>'</u>						
Collected By				1						
Turn Around	Ma	trix	Tests/A	nalytes (	Select ALL th	at Apply) Bla	ank spaces ar	re for additio	nal analytes	
□ 2 Hour *	☐ Air Asbestos in Bulk		Metal	s Total	ТС	LP	N	licrobiolog	y	
☐ Same day *	☐ Paint		🗀 Lead		☐ Lead		□ BACT (	MPN/PA)		
☐ 1 business day	☐ Soil		☐ PLM Qualitative	☐ RCRA	8 Metals	□ RCRA	8 Metals	☐ Mold [	Direct Exam	
☐ 2 business days	☐ Wipe	s.	☐ 400 Point Count	☐ Chron	ni <b>um VI</b>	☐ Full TO		☐ Allergens		
☐ 3 business days	■ Bulk		☐ 1000 Point Count			(w/ organics 10 Day)			ub-Contrac	t
☑ 5 business days	□ Waste		☐ Gravimetric Prep					☐ TEM C		
* not available for all tests  ** past 3 PM the TAT will begin	☐ Ground Water Asbestos in Air			Gravimetric Miscellaneous  □ Total Dust NIOSH 0500 □ Silica FTIR (760)		ety discount	☐ TEM AHERA			
next business day	☐ TSP /	ing Water	☐ PCM ☐ PCM-B Rules			☐ Silica FTIR (7602)		☐ TEM 7402 ☐ Silica XRD (7500)		
Please schedule:rush tests in advance	□ ISP/ □		PCIVI-B Rules	☐ Resp. Dust NIOSH 0600				- Silica XND (7300)		
Sample #	Date Sampled	Time Sampled	Sample Identifi (Employee, Bldg,Mate		Wipe Area	Tii Start	me <sup>2</sup> Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
1 - 1 - 1	1 1	335000000000000000000000000000000000000			Supply ( ) Production of the Control					
4(	36(19									
42	3/6/19 [									
	3/6(19									
42	8/6/9									
42 43 44 45	8/6(9									
42 43 44	8/6(9									
42 43 44 45	8/6(19									
42 43 44 45 46	8/6(9									
42 43 44 45 46	8/6(9									
42 43 44 45 46 47	8/6(9									
42 43 44 45 46 47 48 49 50			queous and Solid samples en				pike analysis	ime in min × flor	w in L/min]	
42 43 44 45 46 47 48 49 50	:: A=Area, B=Bi		al, E=Excursion <sup>2</sup> Beginning	sure enough sa /End of Sample		/Minute <sup>4</sup> Vo	pike analysis lume in Liters [t	ime in min × flow		



						100				
Submitting Co.	Harenda Manageme	ent Group	State of Collection	WI		Cert. Required	☐ YES	□ NO		
1237 West Bruce St	treet		Acct #	5065 Phone			(414) 647-1530			
Milwaukee, WI 5320	04		Email	dean.jacobsen@kphenvironmenmtal.com						
Project Name		· .	PO#							
Project Location	Wisconsin		Special Inst	ructions:						
Project Number	19-400-037.2841	;	:							
Collected By				<u>.                                     </u>						
Turn Around Time **	Matrix	Tests/A	nalytes (	Select ALL th	at Apply) Bla	nk spaces ar	e for additio	nal analytes		
☐ 2 Hour *	☐ Air	Asbestos in Bulk	Metal	s Total	TC	LP	N	licrobiolog	у	
☐ Same day *	☐ <b>P</b> aint	■ PLM	☐ Lead		☐ Lead	- 1	□ BACT (	MPN/PA)		
☐ 1 business day	□ Soil	☐ PLM Qualitative	□ RCRA	8 Metals	☐ RCRA 8	3 Metals	☐ Mold Direct Exam			
☐ 2 business days	☐ Wipe	☐ 400 Point Count	☐ Chrom	nium VI	☐ Full TCLP		☐ Allerge	ens .		
☐ 3 business days	■. Bulk	☐ 1000 Point Count	☐ Mercu	iry	(w/ organics 10 Day)		Sub-Contract		it.	
☑ 5 business days	☐ Waste Water	☐ Gravimetric Prep		•			☐ TEM Chatfield			
* not available for all tests	☐ Ground Water	Asbestos in Air	Gravimetric		Miscellaneous		☐ TEM AHERA			
** past 3 PM the TAT will begin next business day	☐ Drinking Water	□ РСМ	☐ Total Dust ☐ NIOSH 0500		☐ Silica FTIR (7602)		☐ TEM 7402			
Please schedule rush tests in advance	☐ TSP / PM10	☐ PCM-B Rules	☐ Resp. NIOSI	Dust I-0600	Section 1.	pyrmen may be a feet	□ Silica )	(RD (7500)		
	A ANGESTS BETTE STATE OF THE ST		<u>  -</u>			9		Nower 1		
Sample #	Date Time Sampled Sampled	Sample Identific (Employee, Bldg,Mate		Wipe Area	Tin Start	ne <sup>2</sup> Stop	Flow Start	Rate Stop	Total Air <sup>4</sup>	
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<i>5</i> 2		· .		· · · · · · · · · · · · · · · · · · ·	:					
53										
								,		
			* **							
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	For Ac	jueous and Solid samples ens	ure enough san	ple is sent for d	luplicate and spi	ke analysis		A SACRET		
¹Type:	A=Area, B=Blank, P=Persona	, E=Excursion <sup>2</sup> Beginning/E	End of Sample P	eriod <sup>3</sup> Liters/	Minute ⁴Volu		ne in min × flow			
Relinquished By:	Dean Jewson	Signature(	Jahr		Date/	Time_\{\)	(१७ । यो			
	ΙΔΙ	SHADED EIELDS 1	MISTRE	EHLEDTO	avolo i	DELAYS I		Manual result		

### **Analysis Report**



# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

333153

08/21/19

08/22/19

08/22/19

Order #:

Customer: Harenda Management Group (5065)

Address: 1237 West Bruce Street

Milwaukee, WI 53204

Attn: Received Analyzed Reported

Project:

Location: Wisconsin
Number: 19-400-037.2841

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 with Point Count PLM Analysis

Sample ID Collected Cust. ID Location Asbestos Fibers Other Materials

333153-001 08/06/19 15 Wisconsin

Layer 1: Vermiculite 0.25% FIBROUS TREMOLITE 11.25% NON FIBROUS MATERIAL Gray/Silver, Granular/Soft, Homogenous 88.50% VERMICULITE

333153-002 08/06/19 16 Wisconsin

Layer 1: Vermiculite 0.25% FIBROUS TREMOLITE 10.00% NON FIBROUS MATERIAL Gray/Silver, Granular/Soft, Homogenous 89.75% VERMICULITE

**333153-003** 08/06/19 17 Wisconsin

Layer 1: Vermiculite 0.25% FIBROUS TREMOLITE 12.75% NON FIBROUS MATERIAL Gray/Silver, Granular/Soft, Homogenous 87.00% VERMICULITE

EPA Regulatory Limit: 1% Total layers analyzed on order: 3

Analyst Hind Eldanaf

333153-08/22/19 03:12 PM

Reviewed By: Irma Faszewski

QAQC Director



Dean Jacobsen

Relinquished By:

### SCHNEIDER LABORATORIES GLOBAL, INC.

Commencial designations of the commence of the

2512 West Cary Street, Richmond, Virginia 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475 www.slabinc.com • info@slabinc.com



1320

Hand Delivered

Submitting Co. State of Harenda Management Group Cert. W ☐ YES □ NO Required Collection 1237 West Bruce Street Acct # 5065 Phone (414) 647-1530 Milwaukee, WI 53204 Email dean.jacobsen@kphenvironmenmtal.com **Project Name** PO# **Project Location** Wisconsin Special Instructions: Order #: 330598 **Project Number** 19-400-037.2841 Collected By Turn Around Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes Matrix Time \* ☐ 2 Hour \* ☐ Air Asbestos in Bulk **Metals Total** TCLP Microbiology ☐ Paint ☐ Same.day \* PLM ☐ Lead □ Lead D BACT (MPN/PA) 1 business day ☐ Soil ☐ PLM Qualitative ☐ RCRA 8 Metals RCRA 8 Metals ☐ Mold Direct Exam 2 business days □ Wipe 400 Point Count Chromium VI ☐ Full TCLP ☐ Allergens (w/ organics 10 Day) 3 business days Buk ☐ 1000 Point Count ☐ Mercury **Sub-Contract** ☐ 5 business days □ Waste Water ☐ Gravimetric Prep ☐ TEM Chatfield ☐ Ground Water \* not available for all tests Asbestos in Air Gravimetric Miscellaneous ☐ TEM AHERA \* past 3 PM the TAT will begin Total Dust NIOSH 0500 ☐ Drinking Water ☐ PCM ☐ Silica FTIR (7602) ☐ TEM 7402 next business day ☐ TSP / PM10 Resp. Dust NIOSH 0600 ☐ PCM-B Rules Please schedule rush tests ☐ Silica XRD (7500) In advance Date: Sample Identification Wipe Time<sup>2</sup> Flow Rate<sup>3</sup> Sample # Total Air4 Sampled Sampled (Employee, Bldg, Material, Type<sup>2</sup>) Area Start Start Stop Stop 15 8/6/19 16 17

I ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS!

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

Type: A=Area, B=Blank, P=Personal, E=Excursion Peginphg/End of Sample Period Itters/Minute Volume in Liters [time in min × flow in L/min]

Signature:

X. LEAD LABORATORY RESULTS

### **Analysis Report**



# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)

Address: 1237 West Bruce Street

Milwaukee, WI 53204

Attn: Project:

Location: Wisconsin

Number: 19-400-037.2841

Order #: 330596

Matrix Paint Received 08/08/19

**Analyzed** 08/08/19 **Reported** 08/08/19

PO Number:

Mulliber.	15 400 007.204	•		i O italii	Dei.		
Sample ID Parameter	Cust. Sample ID	Location Method	Sample Date	Weight Total µg	% / Wt.	Conc.	RL*
330596-001	P1	Wisconsin	08/06/19	174 mg			
Lead		EPA 7000B		66.7 µg	0.0383 %	383 mg/kg	57.5 mg/kg
		Sample weight below methor	od guidelines.				
330596-002	P2	Wisconsin	08/06/19	170 mg			
Lead		EPA 7000B		68.5 µg	0.0403 %	403 mg/kg	58.8 mg/kg
		Sample weight below methor	od guidelines.				
330596-003	P3	Wisconsin	08/06/19	324 mg			
Lead		EPA 7000B		<10.0 µg	<0.00309 %	<30.9 mg/kg	30.9 mg/kg
330596-004	P4	Wisconsin	08/06/19	347 mg			
Lead		EPA 7000B		148 µg	0.0427 %	427 mg/kg	28.8 mg/kg

Analyst: DLJ

330596-08/08/19 03:20 PM

**Federal Lead Paint Statute** 

LocationClearanceUnitLead in paint by weight< 0.50</td>%Lead in paint as PPM< 5000</td>mg/kg

Reviewed By: Jennifer Lee Manager



2512 West Cary Street, Richmond, Virginia 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475 www.slabinc.com • info@slabinc.com



V:\330\330596

fghraizi UPS

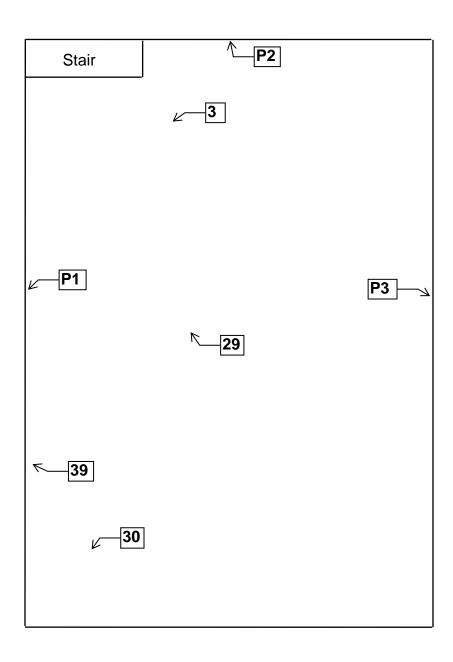
8/8/2019 9:5 3:08 AM 1Z2E2899846 39123:22

Submitting Co.	Harenda Manager	nent Group	State of Collection	WI		Cert.	☐ YES	□ NO		
1237 West Bruce S	treet		Acct #	5065		Required Phone	(414) 647-1530			
Milwaukee, WI 532	04		Email		bsen@kph		414) 047-1	530		
Project Name			PO #	a surrigido	DOCTION (PI	ienvironine;	iiiiai.com			
Project Location	Wisconsin		Special Inst	uctions:						
Project Number	19-400-037.2841									
Collected By										
Turn Around Time **	Matrix	Tests/A	malytes (	select ALL th	nat Apply) B	lank spaces a	re for additi	onal analyte		
□ 2 Hour*	☐ Air	Asbestos in Bulk	and the second of the second of the second	s Total	The second second	CLP		Microbiolo	THE RESERVE OF THE PARTY OF THE	
□ Same day *	■ Paint	□ PLM	■ Lead		☐ Lead			(MPN/PA)	97	
☐ 1 business day	☐ Soil	☐ PLM Qualitative	☐ RCRA 8	3 Metals	☐ RCRA	8 Metals	☐ Mold	Direct Exam		
☐ 2 business days	□ Wipe	☐ 400 Point Count	☐ Chromium VI		☐ Full TCLP		☐ Allergens			
☐ 3 business days	□ Bulk	☐ 1000 Point Count	☐ Mercu	☐ Mercury		(w/ organics 10 Day)		Sub-Contract		
☑ 5 business days	│ □ Waste Water	☐ Gravimetric Prep			+		☐ TEM Chatfield			
* not available for all tests  ** past 3 PM the TAT will begin	Ground Water Asbestos in Air		Gravimetric Miscellaneous		laneous	☐ TEM AHERA				
next business day	☐ Drinking Water	PCM	☐ Total Dust NIOSH 0500 ☐ Resp. Dust		☐ Silica FTIR (7602)		☐ TEM 7402			
Please schedule rush tests in advance	☐ TSP / PM10	☐ PCM-B Rules	☐ NIOSH	0600			☐ Silica	XRD (7500)		
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3H	1. 15 St. 15	- 1 A 1						
Sample #	Date Time	Sample Identifica	ation	Wipe	Tir	ne?	Elow	Pava <sup>3</sup>	1	
Sample#	Sampled Sampled	Sample Identifica (Employee, Bldg,Materi		Wipe Area	Tii Start	ne <sup>2</sup> Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>	
Sample #		(8)			Terresident de la contraction				Total Air <sup>4</sup>	
	Sampled Sampled	(8)			Terresident de la contraction				Total Air <sup>4</sup>	
Pl	Sampled Sampled	(8)		Area	Terresident de la contraction				Total Air <sup>4</sup>	
P] P2	Sampled Sampled	(8)		Area	Terresident de la contraction				Total Air <sup>4</sup>	
P1 P2 P3	Sampled Sampled	(8)		Area	Terresident de la contraction			Stop	Total Air <sup>4</sup>	
P1 P2 P3	Sampled Sampled	(8)		Area	Terresident de la contraction			Stop	Total Air <sup>4</sup>	
P1 P2 P3	Sampled Sampled	(8)		Area	Terresident de la contraction			Stop	Total Air <sup>4</sup>	
P1 P2 P3	Sampled Sampled	(8)		Area	Terresident de la contraction			Stop	Total Air <sup>4</sup>	
P1 P2 P3	Sampled Sampled	(8)		Area	Terresident de la contraction			Stop	Total Air <sup>4</sup>	
P1 P2 P3	Sampled Sampled	(8)		Area	Terresident de la contraction			Stop	Total Air <sup>4</sup>	
P1 P2 P3	Sampled Sampled	(8)		Area	Terresident de la contraction			Stop	Total Air <sup>4</sup>	
P1 P2 P3	Sampled Sampled	(Employee, Bldg, Materi	al, Type <sup>1</sup> )	Area	Start	Stop		Stop	Total Air <sup>4</sup>	
P) P2 P3 P4	Sampled Sampled	(Employee, Bldg, Materi	al, Type <sup>1</sup> ) e enough samp	Area	Start	Stop ke analysis	Stant	Stop	Total Air <sup>4</sup>	
P) P2 P3 P4	Sampled Sampled  8/6 (9)  For Age  Farea, B=Blank, P=Personal	(Employee, Bldg, Materi	al, Type <sup>1</sup> )	Area	Start  Iplicate and spi  Ninute 4Volu	Stop	Start.	Stop	Total Air <sup>4</sup>	

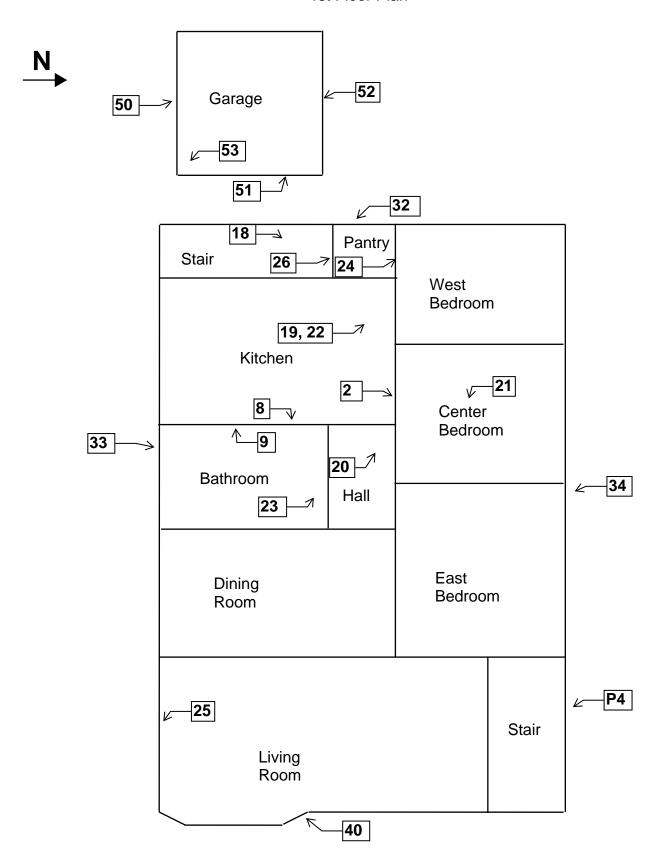
### XI. FLOOR PLANS

### Basement Floor Plan



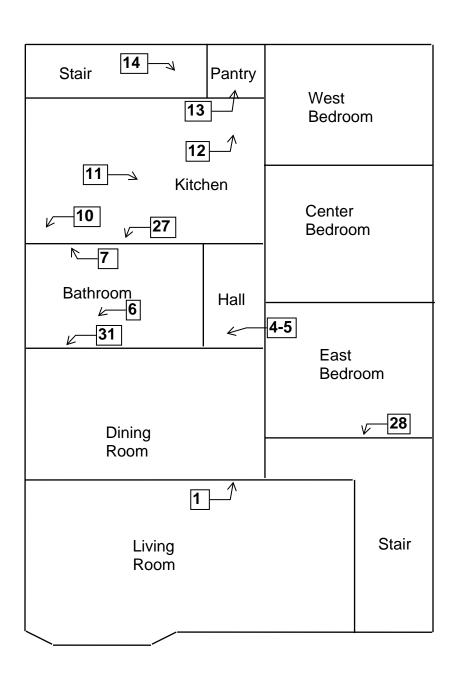


1st Floor Plan

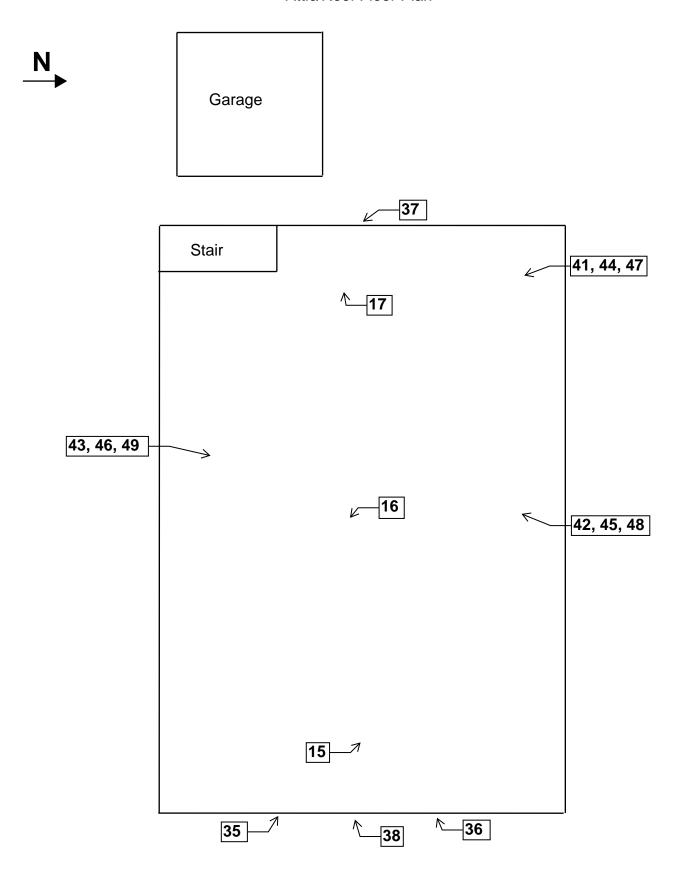


### 2nd Floor Plan





### Attic/Roof Floor Plan



### XII. HMG CERTIFICATION



This certifies that

# HARENDA MANAGEMENT GROUP

1237 W BRUCE ST MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

Asbestos Company -- Primary

Certificate Issue Date: 07/23/2019

Expiration Date: 08/31/2021, 12:01 a.m.

Certification #: CAP-480540

Wisconsin Department of Health Services

Division of Public Health

Bureau of Environmental and Occupational Health

Asbestos & Lead Section

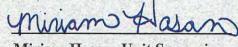
PO Box 2659

Madison WI 53701-2659

Phone: (608) 261-6876







Miriam Hasan, Unit Supervisor

1 WEST WILSON STREET

P O BOX 2659 MADISON WI 53701-2659

Telephone: 608 266-1251 FAX: 608 267-2832 TTY: 888-701-1253 dhs.wisconsin.gov

Tony Evers Governor

Andrea Palm Secretary State of Wisconsin
Department of Health Services

February 5, 2019

DAMIAN SCOTT ROGOWSKI 3536 COUNTY ROAD H FRANKSVILLE WI 53126-9211

ID# AII-161300

Congratulations! Your new Wisconsin certification card is enclosed. Please look it over and call us right away if anything on your blue card is wrong.

# Follow Wisconsin law by making sure that you:

- 1. Have your blue card with you when doing regulated work.
- 2. Work safely using the methods you learned in training.
- 3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing <a href="mailto:DHSAsbestosLead@wi.gov">DHSAsbestosLead@wi.gov</a>, by using our Lead and Asbestos Online Certification website, <a href="www.dhs.wisconsin.gov/waldo">www.dhs.wisconsin.gov/waldo</a>, or by mailing a note to:

Lead and Asbestos Section 1 W. Wilson St., Room 137 P.O. Box 2659 Madison WI 53701-2659

- 4. Take refresher training well before the "Training due by" date printed on your blue card.
  - Asbestos-certified individuals must refresh in Wisconsin no earlier than 90 days before the due date to keep the same expiration date.
     Find asbestos training providers at <a href="https://www.dhs.wisconsin.gov/asbestos">www.dhs.wisconsin.gov/asbestos</a>.
  - Lead-certified individuals can refresh up to 1 year before the due date.
     Find lead training providers at <a href="www.dhs.wisconsin.gov/lead">www.dhs.wisconsin.gov/lead</a>.
- 5. Apply to renew your card at least 1 month before the "Exp." date on your blue card.
- 6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at <a href="https://www.dhs.wisconsin.gov/lead">www.dhs.wisconsin.gov/lead</a> or <a href="https://www.dhs.wisconsin.gov/asbestos">www.dhs.wisconsin.gov/asbestos</a>.
- 7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you pr professional responsibility. Contact us if you below and on the back of your blue card.

The Lead and Asbestos Certification Program (608) 261-6876

<a href="mailto:DHSAsbestosLead@wi.gov">DHSAsbestosLead@wi.gov</a>

www.dhs.wisconsin.gov/asbestos

www.dhs.wisconsin.gov/lead

**COPY** 





# DECONSTRUCTION INSPECTION REPORT Job Site:

Two Family Dwelling 2635-37 North 35<sup>th</sup> Street Milwaukee, Wisconsin

For:

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1<sup>st</sup> Floor
Milwaukee, Wisconsin 53202-3613

HMG Report No.: 18-400-024.2635-37 Inspector: Cecil Trawick Contract No.: 360-18-0975

Prepared by:

### HARENDA MANAGEMENT GROUP

1237 West Bruce Street Milwaukee, Wisconsin 53204 (414) 383-4800

December 2018

### Signature Page

Deconstruction Inspection Report
Two Family Dwelling
2635-37 North 35<sup>th</sup> Street
Milwaukee, Wisconsin

Dean Jacobsen

Asbestos Inspector No. AII – 14370

Expiration Date: 12/2/18 Harenda Management Group Cecil Trawick

Asbestos Inspector No. AII - 104769

Expiration Date: 10/2/19 Harenda Management Group December 4, 2018

City of Milwaukee Department of Neighborhood Services Attn: Marge Piwaron 841 North Broadway 1st Floor Milwaukee, Wisconsin 53202-3613

Deconstruction Inspection Report 2635-37 North 35<sup>th</sup> Street RE:

Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2635-37 North 35th Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP

Dean Jacobsen

Asbestos Inspector No. AII - 14370

#### **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 2635-37 North 35<sup>th</sup> Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in window glazing compound, flue packing, and 1<sup>st</sup> & 2<sup>nd</sup> floor linoleum sampled during the inspection. Asbestos was detected at less than 1% in 1<sup>st</sup> floor kitchen plaster. Asbestos was assumed to be in the roof flashing. Results are in Section IV of this report.

Lead was detected in paint on the interior basement walls. Results are in Section V of this report.

# TABLE OF CONTENTS Deconstruction Inspection Report

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#### I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling at 2635-37 North 35<sup>th</sup> Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has aluminum and wood walls with asphalt roofing.

#### II. ASEBSTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

On September 25, 2018, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 2635-37 North 35<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Cecil Trawick, Wisconsin License No. AII – 104769, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

- 1. A visual determination as to the extent of suspect asbestos containing materials within the building.
- 2. Sampling and documentation of observable suspect asbestos containing materials.
- 3. Quantification of observable asbestos containing materials existing within the spaces.
- 4. Sampling of suspect lead painted masonry surfaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Paper insulation
- Floor tile
- Ceiling tile
- Linoleum
- Flue packing
- Texture
- Ceramic tile
- Glazing compound
- Plaster
- Asphalt roofing
- Roof flashing
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

#### III. ASEBSTOS LABORATORY

#### A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crodcidolite, anthophyllite, and actinolite,/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

#### IV. ASEBSTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section VIII.

Sample #	Location and Description	Results	<b>Homogeneous Code</b>
1	Exterior – west wall under wood siding – tan paper insulation	Negative	MPIt
2	Exterior – north wall under wood siding – tan paper insulation	Negative	MPIt
3	Exterior – south wall under wood siding – tan paper insulation	Negative	MPIt
4a	1 <sup>st</sup> floor – front entry – 12" white floor tile	Negative	MF12w
4b	1 <sup>st</sup> floor – front entry – under 12" white floor tile – yellow mastic	Negative	MF12w
5	1 <sup>st</sup> floor – living room – 2' x 4' ceiling tile	Negative	MSCT24
6	1 <sup>st</sup> floor – dining room – 2' x 4' ceiling tile	Negative	MSCT24
7	1 <sup>st</sup> floor – kitchen – 2' x 4' ceiling tile	Negative	MSCT24
8a	1 <sup>st</sup> floor – bathroom – brown linoleum	Negative	MFLn
8b	1 <sup>st</sup> floor – bathroom – under brown linoleum – yellow mastic	Negative	MFLn

Sample #	Location and Description	Results	Homogeneous Code
9	1 <sup>st</sup> floor – kitchen bottom layer – gray linoleum	Negative	MFLn
10a	1 <sup>st</sup> floor – kitchen top layer – 12" gray floor tile	Negative	MF12y
10b	1 <sup>st</sup> floor – kitchen top layer – under 12" gray floor tile – yellow mastic	Negative	MF12y
10c	1 <sup>st</sup> floor – kitchen 2 <sup>nd</sup> layer – 12" beige floor tile	Negative	MF12e
10d	1 <sup>st</sup> floor – kitchen 2 <sup>nd</sup> layer – under 12" beige floor tile – yellow mastic	Negative	MF12e
11	1st floor – rear stair landing – gray linoleum	Positive 25% Chrysotile	MFLy
12	Basement – on chimney – flue packing	Positive 20% Chrysotile	TFP
13	1 <sup>st</sup> floor – rear stair – top landing – brown and yellow linoleum	Negative	MFLnl
14	2 <sup>nd</sup> floor – living room – on ceiling – texture	Negative	STX
15a	2 <sup>nd</sup> floor – bathroom – on west wall – white ceramic tile	Negative	MCTMw
15b	2 <sup>nd</sup> floor – bathroom – on west wall – grout	Negative	MCTMw
15c	2 <sup>nd</sup> floor – bathroom – on west wall – under white ceramic tile - yellow mastic	Negative	MCTMw
16a	2 <sup>nd</sup> floor – bathroom floor – gray ceramic tile	Negative	MCTMy
16b	2 <sup>nd</sup> floor – bathroom floor – gray cerame the	Negative	MCTMy
16c	2 <sup>nd</sup> floor – bathroom floor – under gray ceramic tile - yellow mastic	Negative	MCTMy
17	2 <sup>nd</sup> floor – kitchen – gray and brown linoleum	Positive 25% Chrysotile	MFLyn
18	1 <sup>st</sup> floor – kitchen – on south window – glazing compound	Positive 5%	MPG
10	1 Hoof - Kitchen - on south window - grazing compound	Chrysotile	MIG
19	2 <sup>nd</sup> floor – kitchen – on north window – glazing compound	Positive 3% Chrysotile	MPG
20	Attic – north room – on north window – glazing compound	Positive 3% Chrysotile	MPG
21a	2 <sup>nd</sup> floor – northwest bedroom – south wall – plaster skim	Negative	SPI
21b	2 <sup>nd</sup> floor – northwest bedroom – south wall – plaster base coat	Negative	SPI
22a	2 <sup>nd</sup> floor – living room – east wall – plaster skim coat	Negative	SPI
22b	2 <sup>nd</sup> floor – living room – east wall – plaster base coat	Negative	SPI
23a	2 <sup>nd</sup> floor – southwest bedroom – north wall – plaster skim coat	Negative	SPI
23b	2 <sup>nd</sup> floor – southwest bedroom – north wall – plaster base coat	Negative	SPI
24a	1 <sup>st</sup> floor – kitchen – north wall – plaster skim coat	Negative	SP1
24b	1 <sup>st</sup> floor – kitchen – north wall – plaster base coat	Trace <1% Chrysotile	SPI
24b	POINT COUNT RESULT	Trace <0.25% Chrysotile	SPI
25a	1 <sup>st</sup> floor – southwest bedroom – west wall – plaster skim coat	Negative	SPI
25b	1 <sup>st</sup> floor – southwest bedroom – west wall – plaster base coat	Negative	SPI
26a	1 <sup>st</sup> floor – dining room – east wall – plaster skim coat	Negative	SPI
26b	1 <sup>st</sup> floor – dining room – east wall – plaster base coat	Negative	SPI
		•	
27a 27b 28 29	1 <sup>st</sup> floor – living room – south wall – plaster skim coat 1 <sup>st</sup> floor – living room – south wall – plaster base coat Roof – east side top layer – brown asphalt shingle Roof – north side top layer – brown asphalt shingle	Negative Negative Negative Negative	SPI SPI MRSr MRSr

Sample #	Location and Description	Results	Homogeneous Code
30	Roof – south side top layer – brown asphalt shingle	Negative	MRSn
31	Roof – east side bottom layer – red asphalt shingle	Negative	MRSr
32	Roof – north side bottom layer – red asphalt shingle	Negative	MRSr
33	Roof – south side bottom layer – red asphalt shingle	Negative	MRSr

Four (4) of the materials sampled contains greater than 1% asbestos and is an asbestos containing material (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Gray Linoleum	MFLy	1 <sup>st</sup> Floor Rear Landing	20 SF	Good
Flue Packing	TFP	Basement on Chimney	2 SF	Poor
Gray & Brown Linoleum	MFLyn	2 <sup>nd</sup> Floor Kitchen	90 SF	Good
Window Glazing Compound	MPG	Windows on All Floors	32 Windows	Poor

#### One (1) of the materials sampled contains less than 1% asbestos:

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Plaster Base Coat	SPl	1 <sup>st</sup> Floor Kitchen Walls & Ceiling	600 SF	Fair

#### **Assumed Asbestos Containing Materials**

Material	Location	Approximate Quantity	Condition	
Roof Flashing	Roof at Chimney	3 SF	Good	

The flashing was not accessible at the time of the inspection.

Note #1: The ACMs listed above are friable, category I non friable, and category II non friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that these materials be abated prior to deconstruction.

Note#2: The plaster contains less than 1% asbestos as verified by the point count method, and by definition in NR 447 is not an ACM. The contractor must follow U.S. Occupational Safety and Health Administration requirements in 29 CFR 1926.1101 (Asbestos in Construction) during removal. This regulation requires the employer to protect employees from asbestos exposure if any amount of asbestos is present. These requirements include:

- Exposure assessments
- Use of respirators and protective clothing until exposure assessments results are known,
- Using wet methods and HEPA vacuums for cleanup of the joint compound,
- Putting joint compound waste in leak tight asbestos labeled containers

HMG recommends that the kitchen plaster be removed by a Wisconsin certified asbestos company, as necessary, as part of the deconstruction project.

**Note#3:** If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

Note#4: A copy of this report should be transmitted to the deconstruction contractor.

#### **Homogeneous Material Codes**

**TFP** 

SP1 Plaster STX Texture **MPIt** Tan Paper Insulation MF12w 12" White Floor Tile MF12y 12" Gray Floor Tile 12" Beige Floor Tile MF12e MSCT24 2' x 4' Ceiling Tile Brown Linoleum MFLn Gray Linoleum **MFLy** MFLnl Brown & Yellow Linoleum Gray & Brown Linoleum MFLyn MCTMw White Ceramic Tile **MCTMy** Grav Ceramic Tile Glazing Compound MPG MRSn Brown Asphalt Shingle MRSr Red Asphalt Shingle

Flue Packing

#### V. LEAD PAINT INSPECTION

#### A. Methods

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 2635-37 North 35<sup>th</sup> Street, Milwaukee, Wisconsin, took place on September 26, 2018. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

#### **B.** Component Testing Results

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section IX.

Interior: 2635-37 North 35th Street, Milwaukee, Wisconsin

• Painted brick was observed on the interior basement walls. Lead based paint was not detected.

Exterior: 2635-37 North 35th Street, Milwaukee, Wisconsin

• Painted masonry was not observed on the exterior.

The following are the laboratory results.

Site: 2635-37 North 35<sup>th</sup> Street, Milwaukee, Wisconsin Date: 9/25/18

Paint Testing Results						
Sample Room Component Substrate Color Result (% Lea						
P1	Basement	South Wall	Brick	White	0.0409	

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and https://www.osha.gov/SLTC/lead/index.html for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

#### VI. EXCLUSIONS

No access to attic space. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

#### VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Quantem Laboratories for our asbestos and paint testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.

# VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

#### **ASBESTOS**

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.

#### **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

N/A	Air Conditioners (roof top, room, and central)
N/A	Dehumidifiers
N/A	Heat Pumps
N/A	Refrigerators, Freezers, Chillers
N/A	Vending Machines, Food Display Cases
N/A	Walk-in Coolers
N/A	Water Fountains (bubblers)
N/A	Fire Extinguishers (both portable and installed HALON suppression systems)
N/A	Water Coolers

#### **LEAD**

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

#### **MERCURY**

Products that may contain mercury:

#### LIGHTING

N/A Fluorescent Lights

N/A High Intensity Discharge

-Metal Halide

-High Pressure Sodium

-Mercury Vapor

Neon Neon

N/A Switches for lighting using mercury relays

-Look for any control associated with exterior or automated

lighting systems such as "Silent" wall switches.

#### **HVAC**

Check thermostats and any control associated with air handling units for switches containing mercury.

#### HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

<u>N/A</u> Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

#### BOILERS, FURNACES, HEATERS AND TANKS

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

<u>N/A</u> Space Heaters

ELEC'	TRICAL SYS	TEMS
	N/A	Load Meters and Supply Relays
	N/A	Phase Splitters
	N/A	Microwave Relays
	N/A	Mercury Displacement Relays
PCBs a	and should be r	manufactured prior to 1987, it is safe to assume that they contain nanaged accordingly. Most equipment manufactured after this time The following is a list of areas in a building were PCBs may be Transformers
	N/A	Capacitors (appliances, electronic equipment)
	N/A	Heat Transfer Equipment
	N/A	Ballasts
	N/A	Specialty Paints (such as for swimming pools or other industrial applications)
	N/A	Sumps or Oil Traps (in maintenance and industrial facilities)
ОТНЕ	R ENVIRON	MENTAL ISSUES
	N/A	Hazardous Waste
	N/A	Oil Tanks
	N/A	Well Abandonment

N/A

N/A

Junk Auto Tires

Junk Vehicles

# IX. ASBESTOS LABORATORY RESULTS



#### Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 300422 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen
1237 West Bruce St.

Date Received: 10/08/2018 Milwaukee, WI 53204
Received By: Katie Davis

Date Analyzed: 10/23/2018 Project: DNS

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116 Project Number: 18-400-024.2635-37

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose 10	00
002	2	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose 10	00
003	3	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose 10	00
004	4	Layered	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
004a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
005	5	Homogeneous	White Ceiling Tile	Asbestos Not Present		50 Perlite 30 Paint
006	6	Homogeneous	White Ceiling Tile	Asbestos Not Present		50 Perlite 80 Paint

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



#### Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 300422 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen
1237 West Bruce St.

Date Received: 10/08/2018 Milwaukee, WI 53204
Received By: Katie Davis

Date Analyzed: 10/23/2018 Project: DNS

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116 Project Number: 18-400-024.2635-37

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
007	7	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 50 Glass Fiber 30	Perlite Paint
008	8	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
008a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
009	9	Homogeneous	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
010	10	Layered	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
010a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



#### Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 300422 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen 1237 West Bruce St.
Date Received: 10/08/2018 Milwaukee, WI 53204

Date Received: 10/08/2018 Milwa Received By: Katie Davis

Date Analyzed: 10/23/2018 Project: DNS

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI Methodology: EPA/600/R-93/116 Project Number: 18-400-024.2635-37

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
010b		Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
010c		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
011	11	Homogeneous	Yellow Sheet Vinyl	Asbestos Present Chrysotile 25	NA	CaCO3 Vinyl
012	12	Homogeneous	Gray Transite	Asbestos Present Chrysotile 20	NA	CaCO3 Binder
013	13	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
014	14	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
015	15	Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay Sand

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



#### Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 300422 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen
1237 West Bruce St.
Nil all NII 52204

Date Received: 10/08/2018 Milwaukee, WI 53204
Received By: Katie Davis

Date Analyzed: 10/23/2018 Project: DNS

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI Methodology: EPA/600/R-93/116 Project Number: 18-400-024.2635-37

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
015a		Layered	White Grout	Asbestos Not Present	NA	CaCO3
015b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3
016	16	Layered	Gray Ceramic Tile	Asbestos Not Present	NA	Clay Sand
016a		Layered	Tan Grout	Asbestos Not Present	NA	CaCO3 Sand
016b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3
017	17	Homogeneous	Yellow Sheet Vinyl	Asbestos Present Chrysotile 25	NA	CaCO3 Vinyl

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



#### Polarized Light Microscopy Asbestos Analysis Report

Project: DNS

QuanTEM Lab No. 300422 Client: Harenda Management Group

Dean Jacobsen Account Number: B929 1237 West Bruce St. Date Received: 10/08/2018 Milwaukee, WI 53204

Received By: Katie Davis

10/23/2018

Date Analyzed:

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI EPA/600/R-93/116 Project Number: 18-400-024.2635-37 Methodology:

QuanTEM Client Color / Non-Asbestos Non Fibrous Sample ID Sample ID Composition Description Asbestos (%) Fiber (%) 018 18 Homogeneous Gray Asbestos Present NA CaCO3 Binder Chrysotile 5 Window Glazing 019 19 NA CaCO3 Homogeneous Gray Asbestos Present Binder Chrysotile 3 Window Glazing 020 20 Homogeneous White Asbestos Not Present NA CaCO3 Binder Window Glazing 021 21 White CaCO3 Layered Asbestos Not Present NA Sand Skim Coat Paint 021a Asbestos Not Present Hair 2 CaCO3 Layered Gray Sand Plaster 022 22 White CaCO3 Layered Asbestos Not Present NA Sand Skim Coat Paint 022a Layered Gray Asbestos Not Present Hair 2 CaCO3 Sand

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Plaster



#### Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 300422 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen
1237 West Bruce St.

Date Received: 10/08/2018 Milwaukee, WI 53204
Received By: Katie Davis

Date Analyzed: 10/23/2018 Project: DNS

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116 Project Number: 18-400-024.2635-37

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
023	23	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
023a		Layered	Gray Plaster	Asbestos Not Present	Hair 2	2 CaCO3 Sand
024	24	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
024a		Layered	Gray Plaster	Asbestos Present Chrysotile <1	Cellulose 3 Hair <	
025	25	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
025a		Layered	Gray Plaster	Asbestos Not Present	Hair 2	2 CaCO3 Sand

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



#### Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 300422 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen 1237 West Bruce St.

Date Received: 10/08/2018 Milwaukee, WI 53204
Received By: Katie Davis

Date Analyzed: 10/23/2018 Project: DNS

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116 Project Number: 18-400-024.2635-37

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
026	26	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
026a		Layered	Gray Plaster	Asbestos Not Present	Cellulose	8 Gypsum
027	27	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
027a		Layered	Gray Plaster	Asbestos Not Present	Cellulose	8 Gypsum

Dee Ammerman, Analyst Date of Report

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



# **ASBESTOS CHAIN OF CUSTODY**

			ン
Page	1	of	

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

Fo	r Lab Use C	Inly
Lab No.	2004	-22
	Accept	Reject

# **LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

Contact Information				P	rojec	t Information		Report	Results (☑ one box)
Company: Harenda Management Group	Phone: (414) 38	3-4800	Project Name: DNS			QuanTEM Website			
Contact: Dean Jacobsen	Cell Phone:	-	Project Location: Milwaukee, WI			Other <u>email</u>			
Account #: B929	E-mail: djacobsen@hai	renda.com	Project ID: 1	8-400	0-024	.2635-37	The state of the s		
SAMPLED BY: Name:	Date:		P.O. Number:						
RELINQUISHED BY	DATE & TIME		VIA			RECEIVE	D BY		DATE & TIME
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400 Point Count (EPA 600/R-04/004)	Air	r- NIOSH 7402	2		Bulk-	Quantitative (weight	%]- Chatfield		Same Day
1000 Point Count	Air	r- ISO 10312			Dust-	Presence / Absence			24 - Hour
Gravimetric Preparation PCM	Dr	inking Water-	- EPA 100.2		Dust-	Quantitative [fibers/s	q.cm]- ASTM D5755		3 - Day
Particle ID NIOSH 7400	Wa	ste Water- El	PA 600/4-83-043		Other	r			5 - Day
No. Sample ID  To Be Color (10 Characters Max) Analyzed		Descrip	tion			Volume / Area (as applicable)	Com	ments /	Notes
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7 7				***************************************					-
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9 9									:
10 0									



# **ASBESTOS CHAIN OF CUSTODY**

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

# For Lab Use Only Lab No. 2004 22 Accept Reject

# **LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

Proje	Project Information							
Compa	ny: Harenda Mana	agement G	aroup	Project Name: DNS	3 ·		Project Locatio	n: Milwaukee, WI
No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color		Description		Volume / Area (as applicable)	Comments / Notes
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30								



#### Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 301373 Client: Harenda Management Group

Account Number: B929

Date Received: 10/29/2018

Received By:

Katie Davis

Date Analyzed:

11/05/2018

Analyzed By: Methodology:

006

33

Homogeneous

Benjamin Hill

EPA/600/R-93/116

Dean Jacobsen 1237 West Bruce St. Milwaukee, WI 53204

Cellulose

Project: DNS

Project Location: Milwaukee, WI Project Number: 18-400-024.2635-37

QuanTEM Client Color / Non-Asbestos Non Fibrous Sample ID Sample ID Composition Description Asbestos (%) Fiber (%) 001 28 Homogeneous Brown/Black Asbestos Not Present Glass Fiber 25 Tar Sand Shingle 002 29 Brown/Black Asbestos Not Present Glass Fiber Homogeneous 25 Tar Sand Shingle 003 30 Brown/Black Asbestos Not Present Glass Fiber 25 Tar Homogeneous Sand Shingle 004 31 Homogeneous Red/Black Asbestos Not Present Cellulose 40 Tar Sand Shingle 005 32 Homogeneous Red/Black Asbestos Not Present Cellulose 40 Tar Sand Shingle

> Benjamin Hill 11/5/2018 Date of Report Benjamin Hill, Laboratory Technician

Red/Black

Shingle

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Asbestos Not Present

QuanTEM is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.

Tar Sand



Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



# **ASBESTOS CHAIN OF CUSTODY**

Page	1	of	
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2033 Heritage Park Drive, Oklahoma City, OK 73120-7502 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

# **LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

F	or Lab Us	e Oı	nly	
Lab No	30	13	7 <u>a</u>	
	Accept	$\supset$	Reject	
Report	Results	(N c	ne bo	ıv)

Contact Information	pakera sa katawa ka ka ka maka ka ka ka	P	roject Information	Report Re	esults (☑ one box)
Company: Harenda Management Group	Phone: (414) 383-4800	Project Name: DNS		<b>Q</b> ua	nTEM Website
Contact: Dean Jacobsen	Cell Phone:	Project Location: Milwa	ukee, Wl	Oth	er <u>email</u>
Account#: B929	E-mail: djacobsen@harenda.com	Project ID: 18-400	0-024.2635-37		
SAMPLED BY: Name:	Date:	P.O. Number:			
RELINQUISHED BY		VIA VIA	RECEIVED BY		DATE & TIME
danden	12/26/18 1700 Fed	$\epsilon_{\times}$	NA:	)1	)-29-18 9:50
	REQUESTED SERVICES (Ple	ase ☑ the Appropr	iate Boxes)	0.000000	
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Bulk Analysis (EPA 600/R-93/116) Vermiculite Attic In			Bulk- Presence / Absence EPA600/R-93/116		Rush
400 Point Count	Air- NIOSH 7402	2	Bulk- Quantitative [weight%]- Chatfield		Same Day
1000 Point Count	Air- ISO 10312		Dust- Presence / Absence		24 - Hour
Gravimetric Preparation PCM	Drinking Water	- EPA 100.2	Dust- Quantitative [fibers/sq.cm]- ASTM D5755		3 - Day
Particle ID NIOSH 7400	Waste Water- EF	PA 600/4-83-043	Other		5 - Day
No. Sample ID ☑ To Be Color (10 Characters Max) Analyzed	Descrip	tion	Volume / Area (as applicable)	iments / N	Notes
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#### Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 301188 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen 1237 West Bruce St.

Date Received: 10/25/2018 Milwaukee, WI 53204
Received By: Katie Davis

Date Analyzed: 11/01/2018 Project: DNS, 400 PTCT for 300422

Analyzed By: Dee Ammerman Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116 Project Number: 18-400-024.2635-37

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	24	Homogeneous	Gray	Asbestos Present	NA	
			Plaster	Chrysotile <0.25		
				400 Point Count		

Dee Ammerman, Analyst

Dee Of Report



Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



Contact Information

# **ASBESTOS CHAIN OF CUSTODY**

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502 (800) 83

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322-1650 • (405) 75	<b>(</b>	For Lab Use Only							
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414) 383-4800	Project Name: DN	S		uanTEM \		Į.			

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Comp	any: Harenda Man		ent (	aroup	Phone: (4	414)	383-4800	Project Name:	DNS			CONTRACTOR OF THE CONTRACTOR O	<b>V</b>	Qua	nTEM Website
Contact: Dean Jacobsen			Cell Phone:			Project Location: Milwaukee, WI						Othe	er email		
Accou	int#: B929				E-mail: djaco	bsen@	harenda.com	Project ID:	18-40	30-0	24.2635-37	1			
Sam	PLED BY: Name:				Date:	·····		P.O. Number:							
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				Other			Air-NIOSH 740	2	<u>  </u>	] Bu	lk-Quantitative (weigh	t%]- Chatfield			Same Day
믬	1000 Point Count		Air- ISO 10312		LI							24 - Hour			
	Gravimetric Preparation PCM				Drinking Water	·····	Dust- Quantitative [fibers/sq.cm]- ASTM D5755						3 - Day		
Ш	Particle ID		Ш	NIO5H 7400			Waste Water- El	PA 600/4-83-043		Ot	her			H	5 - Day
No.	Sample ID (10 Characters Max)	☑ To Analy		Color			Descrip	ition			Volume / Area (as applicable)	Comi	nents	s / N	otes
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SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

X. LEAD LABORATORY RESULTS



# Environmental Chemistry Analysis Report

QuanTEM Set ID:

300415

**Date Received:** 

10/08/18

Received By:

Taylor Hooper

**Date Sampled:** 

Time Sampled:

**Analyst:** 

TM

Date of Report:

10/15/18

AIHA ID: 101352

Client:

Harenda Management Group

Dean Jacobsen

1237 West Bruce St. Milwaukee, WI 53204

18-400-024.2635-37

Acct. No.: B929

**Project No.:** 

Chary Resser

Project: DNS

**Location:** Milwaukee, WI

QuanTEM Reporting Date/Time ID **Client ID** Matrix **Parameter** Results Limits Units **Analyzed** Method 001 P1 Paint Lead 0.0409 0.00493 10/10/18 10:45 P EPA 7000B (1)

**Authorized Signature:** 

Cherry Rossen, Technical Manager

Note: Sample results have not been corrected for blank values.

This report applies only to the standards or procedures indicated and to the specific samples tested. It is not indicative of the qualities of apparently identical or similar products or procedures, nor does it represent an ongoing assurance program unless so noted. These reports are for the exclusive use of the client and are not to be reproduced without specific written permission. QuanTEM is not responsible for user-supplied data used in calculations.

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified



# **LEAD CHAIN OF CUSTODY**

Page 1 of \_\_\_\_

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

Fo	r Lab Use (	Only
Lab No.	3001	115
(	Accent	Reject

### www.QuanTEM.com

# **LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

Contact Informat	ion				Project Information	Rep	oort Results (🗹 one box)
Company: Harenda Management Group	Phone:	(414) 38	3-4800	Project Name:	DNS	<b>✓</b>	QuanTEM Website
Contact: Dean Jacobsen	Çell Phone			Project Locatio	Milwaukee, WI		Other email
Account #: B929	E-mail:	djacobsen@	harenda.com	Project ID:	18-400-024.2635-37		
Sampled By: Name:			Date:	-			
RELINQUISHED BY	DATE	& TIME		VIA	RECEIVED BY		DATE & TIME
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#### REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

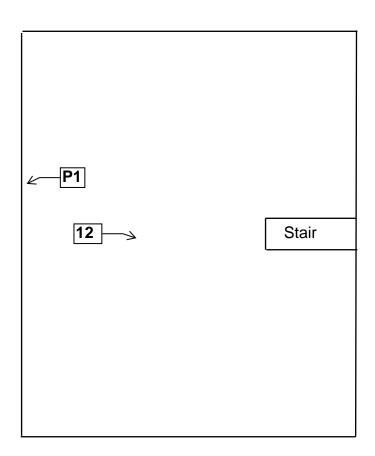
					trix box	Analysis			Units (☑ ONE box only)						Sample Matrix Codes	
No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	Sample Matrix (see matrix code box)									/ cm²	Α	Soil
	(1.0 Cilia a Cicilia ilia a)		(Liters)	(Length x Wiath)	Sample (see matrix				Σ	Wt %	mg / l	μg /ft²	µg/m³	) / c	В	Paint Chips
					1	Pb			PPM.		Ε̈́	рц	рц	mg	C	5urface / Dust Wipes
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# XI. FLOOR PLANS

# Two Family Dwelling 2635-37 North 35th Street Milwaukee, Wisconsin

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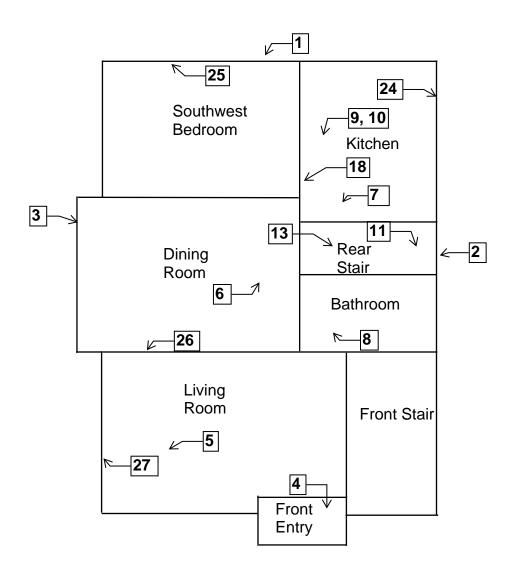
Basement Floor Plan



# Two Family Dwelling 2635-37 North 35th Street Milwaukee, Wisconsin

N

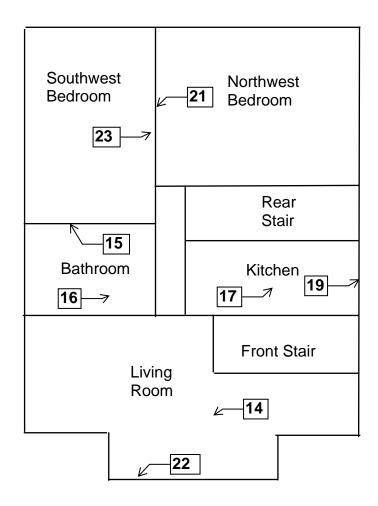
# 1st Floor Plan



## Two Family Dwelling 2635-37 North 35th Street Milwaukee, Wisconsin

## N

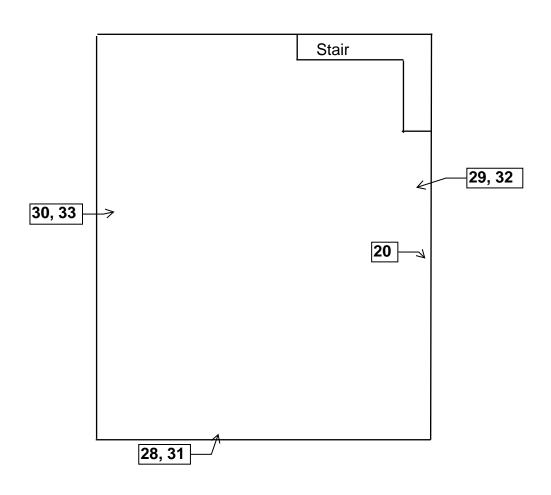
#### 2nd Floor Plan



## Two Family Dwelling 2635-37 North 35th Street Milwaukee, Wisconsin

Attic/Roof Floor Plan





### XII. HMG CERTIFICATION



This certifies that

## HARENDA MANAGEMENT GROUP

1237 W BRUCE ST MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

Asbestos Company - Primary

Certificate Issue Date: 06/23/2017

xpiration Date: 08/31/2019, 12:01 a.m.

Certification #: CAP-480540

Visconsin Department of Health Services

ivision of Public Health

ureau of Environmental and Occupational Health

sbestos & Lead Section

O Box 2659

Iadison WI 53701-2659

hone: (608) 261-6876





Shelley A Bruce, Unit Supervisor Scott Walker Governor

Linda Seemeyer Secretary August 27, 2018 State of Wisconsin
Department of Health Services

1 WEST WILSON STREET

P O BOX 2659 MADISON WI 53701-2659

Telephone: 608 266-1251 FAX: 608 267-2832 TTY: 888-701-1253 dhs.wisconsin.gov

CECIL JAMES TRAWICK JR 1237 W BRUCE ST MILWAUKEE WI 53204-1218

ID# AII-104769

Congratulations! Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

#### Follow Wisconsin law by making sure that you:

- 1. Have your blue card with you when doing regulated work.
- 2. Work safely using the methods you learned in training.
- 3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing <a href="mailto:DHSAsbestosLead@wi.gov">DHSAsbestosLead@wi.gov</a>, by using our Lead and Asbestos Online Certification website, <a href="mailto:www.dhs.wisconsin.gov/waldo">www.dhs.wisconsin.gov/waldo</a>, or by mailing a note to:

Lead and Asbestos Section 1 W. Wilson St., Room 137 P.O. Box 2659 Madison WI 53701-2659

- 4. Take refresher training well before the "Training due by" date printed on your blue card.
  - Asbestos-certified individuals must refresh in Wisconsin no earlier than 90 days before the due date to keep the same expiration date.
     Find asbestos training providers at <a href="https://www.dhs.wisconsin.gov/asbestos">www.dhs.wisconsin.gov/asbestos</a>.
  - Lead-certified individuals can refresh up to 1 year before the due date.
     Find lead training providers at www.dhs.wisconsin.gov/lead.
- 5. Apply to renew your card at least 1 month before the "Exp." date on your blue card.
- 6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at <a href="https://www.dhs.wisconsin.gov/lead">www.dhs.wisconsin.gov/lead</a> or <a href="https://www.dhs.wisconsin.gov/asbestos">www.dhs.wisconsin.gov/asbestos</a>.
- 7. Don't conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, professional responsibility. Contact us it below and on the back of your blue care

The Lead and Asbestos Certification Pr (608) 261-6876

<u>DHSAsbestosLead@wi.gov</u>

<u>www.dhs.wisconsin.gov/asbestos</u>

www.dhs.wisconsin.gov/lead

COPY





## **DECONSTRUCTION INSPECTION REPORT Job Site:**

One Family Dwelling 4563 North 38th Street Milwaukee, Wisconsin

For:

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1<sup>st</sup> Floor
Milwaukee, Wisconsin 53202-3613

HMG Report No.: 19-400-037.4563 Inspector: Jazmin Spears Contract No.: 360-19-0975

Prepared by:

#### HARENDA MANAGEMENT GROUP

1237 West Bruce Street Milwaukee, Wisconsin 53204 (414) 383-4800

August 2019

### Signature Page

Deconstruction Inspection Report One Family Dwelling 4563 North 38<sup>th</sup> Street Milwaukee, Wisconsin

Dean Jacobsen

Asbestos Inspector No. AII - 14370

Expiration Date: 12/2/19 Harenda Management Group Jazmin Spears

Asbestos Inspector No. AII – 111055

Expiration Date: 8/10/19 Harenda Management Group August 7, 2019

City of Milwaukee Department of Neighborhood Services Attn: Marge Piwaron 841 North Broadway 1st Floor Milwaukee, Wisconsin 53202-3613

RE: Deconstruction Inspection Report

4563 North 38<sup>th</sup> Street Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 4563 North 38<sup>th</sup> Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP

Dean Jacobsen

Asbestos Inspector No. AII - 14370

#### **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 4563 North 38<sup>th</sup> Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was not detected in any material sampled during the inspection. Asbestos was assumed to be in the roof flashing at the chimney. Results are in Section IV of this report.

Lead was detected in paint on the exterior and interior basement walls. Results are in Section V of this report.

# TABLE OF CONTENTS Deconstruction Inspection Report

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II.	Asbestos Inspection	1
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#### I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the one family dwelling at 4563 North 38<sup>th</sup> Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has aluminum, vinyl, wood, block, and stucco walls with asphalt roofing.

#### II. ASBESTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

On July 19, 2019, HMG conducted an asbestos inspection and lead inspection of a one family dwelling, scheduled for deconstruction, located at 4563 North 38<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Jazmin Spears, Wisconsin License No. AII – 111055, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

- 1. A visual determination as to the extent of suspect asbestos containing materials within the building.
- 2. Sampling and documentation of observable suspect asbestos containing materials.
- 3. Quantification of observable asbestos containing materials existing within the spaces.
- 4. Sampling of suspect lead painted masonry surfaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Fiberboard
- Drywall/joint compound
- Ceramic tile
- Asphalt roofing
- Tar paper
- Stucco
- Roof flashing
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

#### III. ASBESTOS LABORATORY

#### A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crodcidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

#### IV. ASBESTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – east wall under aluminum siding – fiberboard	Negative	MFB
2	Exterior – north wall under aluminum siding – fiberboard	Negative	MFB
3	Exterior – south wall under aluminum siding – fiberboard	Negative	MFB
4a	1st floor – living room – east wall – drywall	Negative	MDW
4b	1 <sup>st</sup> floor – living room – east wall – joint compound	Negative	MDW
5a	1st floor – dining room – north wall – drywall	Negative	MDW
5b	1st floor – dining room – north wall – joint compound	Negative	MDW
6a	1 <sup>st</sup> floor – kitchen – south wall – drywall	Negative	MDW
6b	1 <sup>st</sup> floor – kitchen – south wall – joint compound	Negative	MDW
7a	1 <sup>st</sup> floor – living room floor – east side under carpet – beige ceramic tile	Negative	MCTMe
7b	1 <sup>st</sup> floor – living room floor – east side – under beige ceramic tile – gray mastic	Negative	MCTMe
8a	1 <sup>st</sup> floor – living room floor – north side under carpet – beige ceramic tile	Negative	MCTMe
8b	1 <sup>st</sup> floor – living room floor – north side – under beige ceramic tile – gray mastic	Negative	MCTMe
9a	1 <sup>st</sup> floor – living room floor – west side under carpet – beige ceramic tile	Negative	MCTMe

Sample #	Location and Description	Results	Homogeneous Code
9b	1 <sup>st</sup> floor – living room floor – west side – under beige ceramic tile – gray mastic	Negative	MCTMe
10a	1st floor – kitchen floor – north side – tan ceramic tile	Negative	MCTMt
10b	1st floor – kitchen floor – north side – under tan ceramic tile	Negative	MCTMt
100	gray mastic	regative	IVIC I IVIT
11a	1 <sup>st</sup> floor – kitchen floor – east side – tan ceramic tile	Negative	MCTMt
11b	1 <sup>st</sup> floor – kitchen floor – east side – under tan ceramic tile –	Negative	MCTMt
	gray mastic		
12a	1 <sup>st</sup> floor – kitchen floor – west side – tan ceramic tile	Negative	MCTMt
12b	1 <sup>st</sup> floor – kitchen floor – west side – under tan ceramic tile –	Negative	MCTMt
	gray mastic	_	
13a	2 <sup>nd</sup> floor – bathroom – on north wall – gray ceramic tile	Negative	MCTMy
13b	2 <sup>nd</sup> floor – bathroom – on north wall – under gray ceramic	Negative	MCTMy
	tile – gray mastic		
14a	Roof – southwest top layer – gray asphalt shingle	Negative	MRSy
14b	Roof – southwest 2 <sup>nd</sup> layer – black asphalt shingle	Negative	MRSk
14c	Roof – southwest 3 <sup>rd</sup> layer – gray and black asphalt shingle	Negative	MRSyk
14d	Roof – southwest 4 <sup>th</sup> layer – tar paper	Negative	MPT
15a	Roof – northwest top layer – gray asphalt shingle	Negative	MRSy
15b	Roof – northwest 2 <sup>nd</sup> layer – gray and black asphalt shingle	Negative	MRSyk
16a	Roof – east side top layer – gray asphalt shingle	Negative	MRSy
16b	Roof – east side 2 <sup>nd</sup> layer – gray and black asphalt shingle	Negative	MRSyk
17	Roof – southwest 5 <sup>th</sup> layer – tar paper #2	Negative	MBI
18	Roof – northwest 3 <sup>rd</sup> layer – tar paper #2	Negative	MBI
19	Roof – east side 3 <sup>rd</sup> layer – tar paper #2	Negative	MBI
20	Exterior – west wall northwest – stucco	Negative	STC
21	Exterior – west wall center – stucco	Negative	STC
22	Exterior – west wall southwest – stucco	Negative	STC
23	Exterior – south wall southwest – under vinyl siding – tar	Negative	MPT3
	paper #3		

None of the materials sampled contain asbestos.

#### **Assumed Asbestos Containing Materials**

Material	Location	Approximate Quantity	Material Type
Roof Flashing	Roof at Chimney	5 SF	Category I Non-Friable

The flashing was not accessible at the time of the inspection.

Note #1: The ACM listed above is a category I non-friable asbestos containing material. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that this material be abated prior to deconstruction.

**Note#2:** If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

**Note#3:** A copy of this report should be transmitted to the deconstruction contractor.

#### **Homogeneous Material Codes**

STC	Stucco
MFB	Fiberboard

MDW Drywall/Joint Compound
MCTMe Beige Ceramic Tile
MCTMt Tan Ceramic Tile
MCTMy Gray Ceramic Tile
MRSy Gray Asphalt Shingle
MRSk Black Asphalt Shingle
MRSyk Gray & Black Asphalt Shingle

MPT Tar Paper MPT2 Tar Paper #2 MPT3 Tar Paper #3

#### V. LEAD PAINT INSPECTION

#### A. Methods

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 4563 North 38<sup>th</sup> Street, Milwaukee, Wisconsin, took place on July 19, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

#### **B.** Component Testing Results

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section X.

Interior: 4563 North 38th Street, Milwaukee, Wisconsin

• Painted block was observed on the interior basement stair walls. Lead based paint was not detected.

Exterior: 4563 North 38th Street, Milwaukee, Wisconsin

• Painted block was observed on the exterior walls. Lead based paint was detected.

The following are the laboratory results.

Site: 4563 North 38<sup>th</sup> Street, Milwaukee, Wisconsin Date: 7/19/19

	Paint Testing Results							
Sample Room Component Substrate Color Result (% Lead								
P1	Exterior	North Wall	Block	Green	28.1			
P2	Basement Stair	South Wall	Block	White	0.0293			

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <a href="https://www.osha.gov/SLTC/lead/index.html">https://www.osha.gov/SLTC/lead/index.html</a> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

#### VI. EXCLUSIONS

Basement flooded at time of inspection and not accessible. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the

building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

#### VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos and paint testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.

#### VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

#### **ASBESTOS**

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.

#### **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

N/A	Air Conditioners (roof top, room, and central)
N/A	Dehumidifiers
<u>N/A</u>	Heat Pumps
N/A	Refrigerators, Freezers, Chillers
N/A	Vending Machines, Food Display Cases
N/A	Walk-in Coolers
N/A	Water Fountains (bubblers)
N/A	Fire Extinguishers (both portable and installed HALON suppression systems)
N/A	Water Coolers

#### LEAD

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

#### **MERCURY**

Products that may contain mercury:

#### **LIGHTING**

9 Fluorescent Lights – 1<sup>st</sup> Floor Sitting Room, 2<sup>nd</sup> Floor Bathroom

N/A High Intensity Discharge

-Metal Halide

-High Pressure Sodium

-Mercury Vapor

N/A Neon

N/A Switches for lighting using mercury relays

-Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

#### **HVAC**

Check thermostats and any control associated with air handling units for switches containing mercury.

#### HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

<u>N/A</u> Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

#### BOILERS, FURNACES, HEATERS AND TANKS

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

<u>N/A</u> Space Heaters

ELEC'	FRICAL SYS	STEMS
	N/A	Load Meters and Supply Relays
	N/A	Phase Splitters
	N/A	Microwave Relays
	N/A	Mercury Displacement Relays
PCBs a	nd should be 1	manufactured prior to 1987, it is safe to assume that they contain managed accordingly. Most equipment manufactured after this time The following is a list of areas in a building where PCBs may be
Tourid.	N/A	Transformers
	N/A	Capacitors (appliances, electronic equipment)
	N/A	Heat Transfer Equipment
	N/A	Ballasts
	N/A	Specialty Paints (such as for swimming pools or other industrial
	N/A	applications) Sumps or Oil Traps (in maintenance and industrial facilities)
отне	R ENVIRON	MENTAL ISSUES
	N/A	Hazardous Waste
	N/A	Oil Tanks

N/A

N/A

N/A

Well Abandonment

Junk Auto Tires

Junk Vehicles

<sup>\* 1</sup> Gas Meter on Exterior \* 20 Gallons Paint in Dining Room

### IX. ASBESTOS LABORATORY RESULTS

#### **Analysis Report**



## Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Order #:

327697

07/24/19

07/25/19

07/29/19

**Customer:** Harenda Management Group (5065)

Address: 1237 West Bruce Street

Milwaukee, WI 53204

Attn: Received
Analyzed
Reported

Project:

-Location: Wisconsin Number: 19-400-037.4563

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

Method. Li A 000/11-33/110 & 40 0/11 App. L 00b. L 1 t. 703				PLINI Allalysis			
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials		
327697-001	07/19/19	1	Wisconsin				
Layer 1:	Fibrous N	/laterial		None Detected	90% CELLULOSE FIBER		
Tan/Bla	ck, Fibrous				10% NON FIBROUS MATERIAL		
327697-002	07/19/19	2	Wisconsin				
Layer 1:	Fibrous N	/laterial		None Detected	90% CELLULOSE FIBER		
Tan/Bla	ck, Bitumin	ous			10% NON FIBROUS MATERIAL		
327697-003	07/19/19	3	Wisconsin				
Layer 1:	Fibrous N	/laterial		None Detected	90% CELLULOSE FIBER		
Tan/Bla	ck, Bitumin	ous			10% NON FIBROUS MATERIAL		
327697-004	07/19/19	4	Wisconsin				
Layer 1:	Drywall			None Detected	6% CELLULOSE FIBER		
White, F	Powdery				94% NON FIBROUS MATERIAL		
Layer 2:	Joint Con	npound		None Detected	3% MINERAL/GLASS WOOL		
White, 0	Granular				97% NON FIBROUS MATERIAL		
327697-005	07/19/19	5	Wisconsin				
Layer 1:	Drywall			None Detected	5% CELLULOSE FIBER		
White, F	Powdery				95% NON FIBROUS MATERIAL		
Layer 2:	Joint Cor	npound		None Detected	100% NON FIBROUS MATERIAL		
White, 0	Granular						

Project:

**Location:** Wisconsin 19-400-037.4563

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

wethou.	EFA 000/F	(-93/110 & 40 C	PR App. E Sub. E Pi.	703 PLIVI A	Analysis
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
327697-006	07/19/19	6	Wisconsin		
Layer 1:	Drywall			None Detected	6% CELLULOSE FIBER
White, F	Powdery				94% NON FIBROUS MATERIAL
Layer 2:	Joint Cor	npound		None Detected	3% MINERAL/GLASS WOOL
White, C	Granular				97% NON FIBROUS MATERIAL
327697-007	07/19/19	7	Wisconsin		
Layer 1:	Ceramic	Tile		None Detected	100% NON FIBROUS MATERIAL
Beige, F	Hard				
Layer 2:	Adhesive	:		None Detected	100% NON FIBROUS MATERIAL
Gray, G	ranular				
327697-008	07/19/19	8	Wisconsin		
Layer 1:	Ceramic	Tile		None Detected	100% NON FIBROUS MATERIAL
Beige, F	Hard				
3 .					
Layer 2:	Adhesive			None Detected	100% NON FIBROUS MATERIAL
Gray, G					100% HOW IBROOK WITERING
J. L. J. , J					
327697-009	07/19/19	9	Wisconsin		
Layer 1:	Ceramic	Tile		None Detected	100% NON FIBROUS MATERIAL
Beige, F					
•					
Layer 2:	Adhesive			None Detected	100% NON FIBROUS MATERIAL
Gray, G					
J. J. J. ,					
327697-010	07/19/19	10	Wisconsin		
Layer 1:	Ceramic			None Detected	100% NON FIBROUS MATERIAL
Pink, Ha					
,					
Laver 2:	Adhesive			None Detected	100% NON FIBROUS MATERIAL
Gray, G				. Tono Dolootou	100% NON IBROOD WATERIAL
Gray, G	ianulai				
327697-011	07/19/19	11	Wisconsin		
Layer 1:	Ceramic			None Detected	100% NON FIBROUS MATERIAL
Pink, Ha					
, 110	<b></b>				
Lavor 2:	Grout			None Detected	100% NON FIBROUS MATERIAL
Layer 2: Gray, G	Grout			None Delected	100% NON FIBROUS WATERIAL
Gray, G	iaiiuiai				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

Location: Wisconsin

Number: 19-400-037.4563

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 PLM Analysis

wethou:	EFA 000/F	(-93/110 & 40	OCFR App. E Sub. E Pt.	703 PLIVI	Anaiysis
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
27697-012	07/19/19	12	Wisconsin		
Layer 1:	Ceramic	Tile		None Detected	100% NON FIBROUS MATERIAL
Pink/Bei	ge, Hard				
Layer 2:	Adhesive	!		None Detected	100% NON FIBROUS MATERIAL
Gray, G	ranular				
27697-013	07/19/19	13	Wisconsin		
Layer 1:	Ceramic	Tile		None Detected	100% NON FIBROUS MATERIAL
Beige, F	lard				
Layer 2:	Granular	Material		None Detected	100% NON FIBROUS MATERIAL
White, C		Matorial			100% HOW IBROOK IN TERME
207007 044	07/10/10	14	Wiggongin		
27697-014	07/19/19		Wisconsin	None Detected	20% MINERAL/GLASS WOOL
Layer 1:	Roofing Nituminous	viateriai		None Detected	80% NON FIBROUS MATERIAL
Layer 2: Black, B	Roof Pap ituminous/			None Detected	45% CELLULOSE FIBER 10% NON FIBROUS MATERIAL 45% SYNTHETIC FIBER
Layer 3:	Roofing N	/latorial		None Detected	20% MINERAL/GLASS WOOL
•	ack, Bitumi			None Betested	80% NON FIBROUS MATERIAL
•					
=		-	subsamples of each co	mponent were analyzed separa	-
Layer 4:	Roof Pap			None Detected	45% CELLULOSE FIBER
віаск, в	ituminous/	Fibrous			10% NON FIBROUS MATERIAL 45% SYNTHETIC FIBER
	0=110110				45% STNINETIC FIBER
327697-015	07/19/19	15	Wisconsin	Nama Data ata d	000/ MINERAL (0) 400 1/202
Layer 1:	Roofing N	viaterial		None Detected	20% MINERAL/GLASS WOOL
віаск, в	ituminous				80% NON FIBROUS MATERIAL
Sample	was inhoi	mogenous, s	subsamples of each co	mponent were analyzed separa	ately.
Layer 2:	Roofing N			None Detected	20% MINERAL/GLASS WOOL
Gray/Bla	ack, Bitumi	nous			80% NON FIBROUS MATERIAL

Sample was inhomogenous, subsamples of each component were analyzed separately.

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:

-Location: Wisconsin

Number: 19-400-037.4563

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis** 

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
327697-016	07/19/19	16	Wisconsin		
Layer 1:	Roofing N	/laterial		None Detected	20% MINERAL/GLASS WOOL
Black, E	Bituminous				80% NON FIBROUS MATERIAL

Sample was inhomogenous, subsamples of each component were analyzed separately.

Layer 2: Roofing Material None Detected 20% MINERAL/GLASS WOOL Gray/Black, Bituminous 80% NON FIBROUS MATERIAL

Sample was inhomogenous, subsamples of each component were analyzed separately.

Sample	was illiloi	nogenc	us, subsamples of each com	poneni were analyzeu sepai	alely.
327697-017	07/19/19	17	Wisconsin		
Layer 1:	Roof Pap	er		None Detected	45% CELLULOSE FIBER
Black, B	ituminous/	Fibrous			10% NON FIBROUS MATERIAL
					45% SYNTHETIC FIBER
327697-018	07/19/19	18	Wisconsin		
Layer 1:	Roof Pap	er		None Detected	45% CELLULOSE FIBER
Black, B	ituminous/	Fibrous			10% NON FIBROUS MATERIAL
					45% SYNTHETIC FIBER
327697-019	07/19/19	19	Wisconsin		
Layer 1:	Roof Pap	er		None Detected	45% CELLULOSE FIBER
Black, B	ituminous/	Fibrous			10% NON FIBROUS MATERIAL
					45% SYNTHETIC FIBER

**EPA Regulatory Limit: 1%** 

Total layers analyzed on order: 34

Analyst Elsamani Abdelfadiel

Reviewed By: Irma Faszewski

QAQC Director

327697-07/29/19 11:45 AM

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.



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fghraizi

7/24/2019 10:0 5:09 AM 172F2899846 (0434)86

	188							UPS		1Z2E28998	46 3043486
Submitting Co.		la Managem	ent Group		State of Collection	WI		Cert. Required	ed.		
1237 West Bruce S	Street				Acct #	5065		Phone	S	(414) 647-1	530
Milwaukee, WI 532	.04				Email						
Project Name					PO #		-				
Project Location	Wiscon	sin			Special Instructions:						
Project Number	19-400-	037.4563									
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☐ 1 business day	□ Soil		☐ PLM Quali	tative	☐ RCRA 8	8 Metals	□ RCRA	8 Metals	l	Direct Exam	
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☑ 3 business days	■ Bulk	<b>c</b>	☐ 1000 Point	t Count	☐ Mercui	ry	(w/ organics 1		Sub-Contract		et ·
☐ 5 business days	☐ Was	ste Water	☐ Gravimetri	c Prep	l				☐ TEM Chatfield		
* not available for all tests	☐ Gro	und Water	Asbestos in	Air	Gravin	netric	Miscell	aneous	☐ TEM AHERA		
** past 3 PM the TAT will begin next business day	☐ Drin	king Water	□ РСМ		☐ Total D NIOSH			TIR (7602)	☐ TEM 7402		
Please schedule rush tests in advance	☐ TSP	/ PM10	□ PCM-B Rul	ll					☐ Silica XRD (7500)		
in davance											
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¹Type: A	=Area, B=Bla	nk, P=Personal, E	=Excursion <sup>2</sup> Begin	ning/En	of Sample Perio	od <sup>3</sup> Liters/W		e in Liters [time	in min × flow	in L/min]	<u> </u>
elinquished By:	Dean	<u>Jawse</u>	Signature:	_bu	Par		Date/T	ime_7   23	19 170	)	
		! ALL SI	HADED FIEL	DS M	UST BE EL	I EN TO	AVOIDD	ELAVC I	3.140		



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3. ************************************	3		State of			FA.	T	<u></u>	
Submitting Co.	Harenda Managem	ent Group	Collection	WI		Cert. Required	☐ YES ☐ NO		
1237 West Bruce S	<del></del>		Acct #	5065		Phone	(4	414) 647-15	30
Milwaukee, WI 532	04		Email dean.jacobsen@kphenvironmenmtal.com						
Project Name			PO #						
Project Location	Wisconsin		Special Instructions:						
Project Number	19-400-037.4563		1						
Collected By									
Turn Around Time **	Matrix	Tests/A	nalytes (	Select ALL th	at Apply) Bl	ank spaces ar	e for addition	onal analytes	
□ 2 Hour *	□ Air	Asbestos in Bulk	T	s Total		CLP		Microbiolo	Approximation Approximation and the
☐ Same day *	☐ Paint	. ■ PLM	☐ Lead		☐ Lead			(MPN/PA)	
☐ 1 business day	☐ Soil	☐ PLM Qualitative	☐ RCRA	8 Metals	☐ RCRA	8 Metals	☐ Mold	Direct Exam	
☐ 2 business days	□ Wipe	☐ 400 Point Count	☐ Chrom	ium VI	☐ Full To	CLP	☐ Alierg	ens	
☑ 3 business days	■ Bulk	☐ 1000 Point Count	☐ Mercu	ry	(w/ organics 10 Day)		Sub-Contract		ct
☐ 5 business days	☐ Waste Water	☐ Gravimetric Prep	<b> </b>				☐ TEM Chatfield		
* not available for all tests	☐ Ground Water	Asbestos in Air	Gravi	netric	netric Miscella		☐ TEM AHERA		
** past 3 PM the TAT will begin next business day	☐ Drinking Water	□ РСМ	☐ Total Dust NIOSH 0500		☐ Silica FTIR (7602)		☐ TEM 7402		
Please schedule rush tests	☐ TSP / PM10	☐ PCM-B Rules ☐ Resp. D				- □ Silica-XRD (7500)			
in advance									
Sample #	Date Time Sampled Sampled	Sample Identific (Employee, Bldg,Mater		Wipe Area	Tir Start	ne <sup>2</sup> Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
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15							•		
16									
17									
(8									
19	1								
		ueous and Solid samples ensu	re enough sam	le is sent for d	uplicate and spi	ke analysis			
¹Type:	A=Area, B=Blank, P=Personal,		nd of Sample Pe			me in Liters [time	e in min × flow	in L/min]	
Relinquished By:	Dean Jawa	Signature: (      {					در عاد	ı~7	
A. A. Change at Control of A. Marina and Control of Con	7		ling -		Date/	Time_ 7 [1	317(10	<u>U</u>	

#### **Analysis Report**



## Schneider Laboratories Global, Inc

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Customer: Harenda Management Group (5065)

Address: 1237 West Bruce Street

Milwaukee, WI 53204

Order #: 329317

Received

08/01/19

Analyzed

08/06/19

Reported

08/06/19

Project:

Attn:

-Location: Wisconsin -Number: 19-400-037.4563

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis** 

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
329317-001	07/30/19	20	Winconsin			
Layer 1:	Granular	Material		None Detected	100%	NON FIBROUS MATERIAL
Gray, H	ard/Granula	ar				
329317-002	07/30/19	21	Winconsin			
Layer 1:	Granular	Material		None Detected	100%	NON FIBROUS MATERIAL
Gray, H	ard/Granula	ar				
329317-003	07/30/19	22	Winconsin			
Layer 1:	Granular	Material		None Detected	100%	NON FIBROUS MATERIAL
Gray, H	ard/Granula	ar				
329317-004	07/30/19	23	Winconsin			
Layer 1:	Fibrous N	/laterial		None Detected	80%	CELLULOSE FIBER

EPA Regulatory Limit: 1%
Total layers analyzed on order: 4

Black, Fibrous/Bituminous

Analyst Jada Wilson

329317-08/06/19 03:15 PM

20% NON FIBROUS MATERIAL

Reviewed By: **Irma Faszewski** QAQC Director



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V:\329\329317

fghraizi UPS 8/1/2019 10:C 4:24 AM 1Z2E2899846 2051095

Submitting Co.	Harenda Manageme	nt Group	State of Collection	WI		Cert. Required	☐ YES	□ NO	
1237 West Bruce St	reet		Acct #	5065		Phone	(4	14) 647-153	30
Milwaukee, WI 5320	)4		Email	dean.jacol	osen@kph	environmen	mtal.com		
Project Name			PO #						
Project Location	Wisconsin		Special Instructions:						
Project Number	19-400-037.4563								
Collected By									
Turn Around Time **	Matrix	Tests/A	nalytes (s	Select ALL th	at Apply) Bl	ank spaces a	e for additio	nal analytes	
☐ 2 Hour *	☐ Air	Asbestos in Bulk	Metals Total		TO	CLP	N	/licrobiolog	у
☐ Same day *	☐ Paint	■. PLM	☐ Lead		☐ Lead		☐ BACT (	(MPN/PA)	
☐ 1 business day	☐ Soil	☐ PLM Qualitative	☐ RCRA	8 Metals	☐ RCRA	8 Metals	☐ Mold I	Direct Exam	
☐ 2 business days	☐ Wipe	☐ 400 Point Count	☐ Chromium VI		☐ Full TCLP		☐ Allergens		
☑ 3 business days	<b>■</b> Bulk	☐ 1000 Point Count	☐ Mercury		(w/ organics 10 Day)		Sub-Contract		
☐ 5 business days	☐ Waste Water	☐ Gravimetric Prep					☐ TEM Chatfield		
* not available for all tests	☐ Ground Water	Asbestos in Air		metric			☐ TEM AHERA		
** past 3 PM the TAT will begin next business day	☐ Drinking Water	□ PCM	☐ Total Dust NIOSH 0500		☐ Silica FTIR (7602)		☐ TEM 7402		
Please schedule rush tests in advance	☐ TSP / PM10	☐ PCM-B Rules	☐ Resp. Dust NIOSH 0600				☐ Silica XRD (7500)		
Sample #	Date Time Sampled Sampled	Sample Identific (Employee, Bldg,Mater		Wipe Area	Tii Start	me <sup>2</sup> Stop	Flow Start	Rate <sup>3</sup> Stop	Total Air <sup>4</sup>
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22									
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22									
22									
22		ueous and Solid samples ens	ure enough sam	ple is sent for d	uplicate and sc	ike analysis			
23 23			ure enough sam nd of Sample Pe	<del>*</del>		ume in Liters [tir	ne in min × flow		

X. LEAD LABORATORY RESULTS

#### **Analysis Report**



## Schneider Laboratories Global, Inc

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**Customer:** Harenda Management Group (5065)

1237 West Bruce Street Address:

Milwaukee, WI 53204

Attn: **Project:** 

-Location: Wisconsin

Number: 19-400-037.4563

327696 Order #:

Matrix Paint Received 07/24/19

**Analyzed** 07/24/19 Reported 07/24/19

PO Number:

Sample ID Cust. Sample ID Sample Date Weight Location **Parameter** Method % / Wt. Conc. RL\* Total µg P1 07/19/19 327696-001 333 mg Lead EPA 7000B 93700 µg 281000 mg/kg 15000 mg/kg 28.1 % 327696-002 P2 07/19/19 314 mg EPA 7000B 91.9 µg 0.0293 % Lead 293 mg/kg 31.8 mg/kg

Analyst: MKS

327696-07/24/19 04:50 PM

**Federal Lead Paint Statute** 

Location Clearance Unit Lead in paint by weight < 0.50 % Lead in paint as PPM < 5000 mg/kg Reviewed By: Jennifer Lee Manager



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fghraizi UPS

7/24/2019 10:C 5:09 AM 1Z2E28998463043486

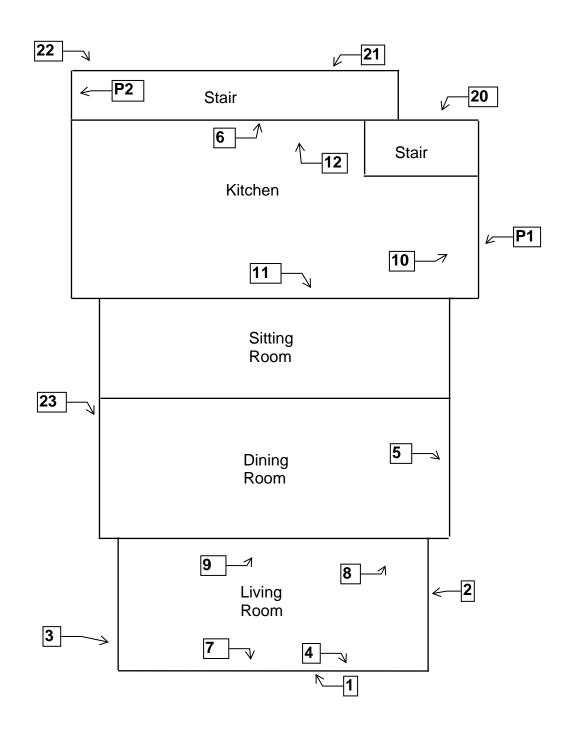
Submitting Co.	Harenda	Managem	ent Group	State of Collection	WI		Cert.	☐ YES	□ NO	
1237 West Bruce St	treet			Acct #	5065		Required Phone	g	14) 647-15	30
Milwaukee, WI 5320	04			Email	the state of the s					
Project Name				PO#						
Project Location	Wisconsi	n .		Special Inst	ructions:					
Project Number	19-400-0	37.4563								
Collected By										
Turn Around Time **	Ma	itrix	Tests/A	nalytes (	Select ALL th	at Apply) Bi	ank spaces a	re for additio	nal analytes	
□ 2 Hour *	□ Air		Asbestos in Bulk	100000	s Total	DESCRIPTION OF THE PROPERTY OF	CLP	Microbiology		
□ Same day *	■ Paint		□ PLM	■ Lead		☐ Lead			(MPN/PA)	MA Wit Versell A. D.
☐ 1 business day	☐ Soil		☐ PLM Qualitative	☐ RCRA	8 Metals	☐ RCRA	☐ RCRA 8 Metals		Direct Exam	
☐ 2 business days	☐ Wipe		☐ 400 Point Count	☐ Chrom	ium VI	☐ Full To	CLP	☐ Allergens		
☑ 3 business days	☐ Bulk	e Total State	☐ 1000 Point Count	☐ Mercu	ry	(w/ organics 10 Day)		Sub-Contract		
☐ 5 business days	☐ Wast	e Water	☐ Gravimetric Prep					☐ TEM Chatfield		
* not available for all tests	☐ Groui	nd Water	Asbestos in Air	Gravimetric		Miscellaneous		☐ TEM AHERA		
** past 3 PM the TAT will begin next business day	n □ Drinking Water		☐ PCM	☐ Total ☐ NIOSH	Oust 0500	☐ Silica FTIR (7602)		☐ TEM 7402		
Please schedule rush tests in advance	□ TSP /	PM10	PCM=B Rules	⊟ Resp. I NIOSH	O600			☐ Silica XRD (7500)		
						<u> </u>				
	Date	Time	Sample Identifica	ation	Wipe	Tir	ne²	Flow	Data <sup>3</sup>	
Sample #	Sampled	Sampled	(Employee, Bldg,Materi		Area		Cara transaction	1000	Control of the Control	Total Air <sup>4</sup>
Sample #	AND STATE OF				Area	Start	Stop	Start	Stop	Total Air <sup>4</sup>
Sample #	Sampled				Area		Cara transaction	1000	Control of the Control	Total Air⁴
P1 00	Sampled				Area	Start	Cara transaction	1000	Control of the Control	Total Air <sup>4</sup>
P1 00	Sampled				Area	Start	Cara transaction	1000	Control of the Control	Total Air <sup>4</sup>
P1 00	Sampled				Area	Start	Cara transaction	1000	Control of the Control	Total Air <sup>4</sup>
P1 00	Sampled				Area	Start	Cara transaction	1000	Control of the Control	Total Air <sup>4</sup>
P1 00	Sampled				Area	Start	Cara transaction	1000	Control of the Control	Total Air <sup>4</sup>
P1 00	Sampled				Area	Start	Cara transaction	1000	Control of the Control	Total Air <sup>4</sup>
P1 00	Sampled				Area	Start	Cara transaction	1000	Control of the Control	Total Air <sup>4</sup>
P1 00	Sampled				Area	Start	Cara transaction	1000	Control of the Control	Total Air <sup>4</sup>
P1 Pa		Sampled	(Employee, Bldg,Materi	al, Type <sup>1</sup> )		Start	Stop	1000	Control of the Control	Total Air <sup>4</sup>
P1 Pa		Sampled	(Employee, Bldg,Materi	al, Type <sup>1</sup> )	le is sent for du	Start	Stop	Stant	Stop	Total Air <sup>4</sup>
Pl Pa		Sampled For Aqu	(Employee, Bldg,Materi	al, Type <sup>1</sup> )	le is sent for du	plicate and spli	Stop	Start  e in min × flow in	Stop	Total Air <sup>4</sup>

#### XI. FLOOR PLANS

## One Family Dwelling 4563 North 38th Street Milwaukee, Wisconsin

N

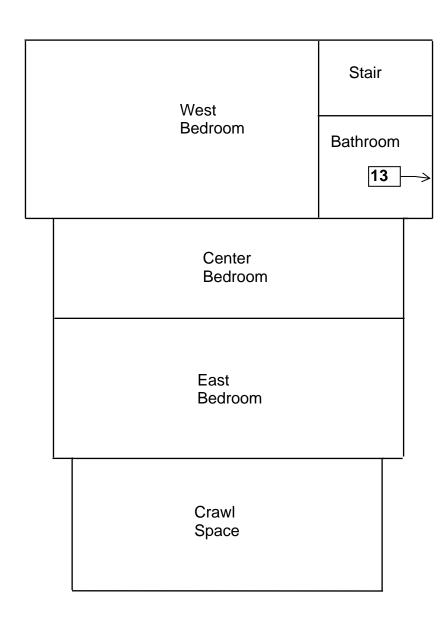
1st Floor Plan



## One Family Dwelling 4563 North 38th Street Milwaukee, Wisconsin



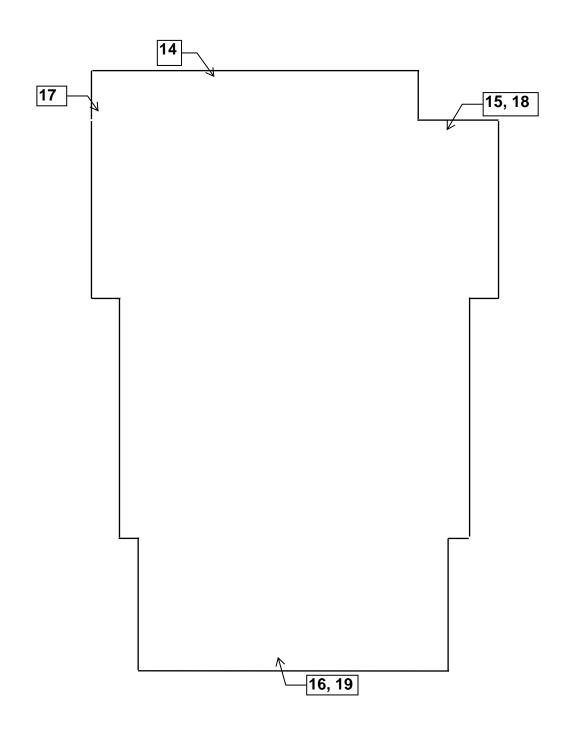
#### 2nd Floor Plan



One Family Dwelling 4563 North 38th Street Milwaukee, Wisconsin

N

Roof Floor Plan



#### XII. HMG CERTIFICATION



This certifies that

### HARENDA MANAGEMENT GROUP

1237 W BRUCE ST MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

Asbestos Company -- Primary

Certificate Issue Date: 07/23/2019

Expiration Date: 08/31/2021, 12:01 a.m.

Certification #: CAP-480540

Wisconsin Department of Health Services

Division of Public Health

Bureau of Environmental and Occupational Health

Asbestos & Lead Section

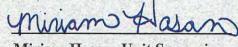
PO Box 2659

Madison WI 53701-2659

Phone: (608) 261-6876







Miriam Hasan, Unit Supervisor

Scott Walker Governor

Linda Seemever Secretary

August 27, 2018

State of Wisconsin Department of Health Services

1 WEST WILSON STREET

P O BOX 2659 MADISON WI 53701-2659

Telephone: 608 266-1251 FAX: 608 267-2832 TTY: 888-701-1253 dhs.wisconsin.gov

JAZMIN K C SPEARS 1237 W BRUCE ST MILWAUKEE WI 53204-1218

ID# AII-111055

Congratulations! Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

#### Follow Wisconsin law by making sure that you:

- 1. Have your blue card with you when doing regulated work.
- 2. Work safely using the methods you learned in training.
- 3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos Online Certification website, www.dhs.wisconsin.gov/waldo, or by mailing a note to:

Lead and Asbestos Section 1 W. Wilson St., Room 137 P.O. Box 2659 Madison WI 53701-2659

- 4. Take refresher training well before the "Training due by" date printed on your blue card.
  - o Asbestos-certified individuals must refresh in Wisconsin no earlier than 90 days before the due date to keep the same expiration date.
  - Find asbestos training providers at www.dhs.wisconsin.gov/asbestos. Lead-certified individuals can refresh up to 1 year before the due date.

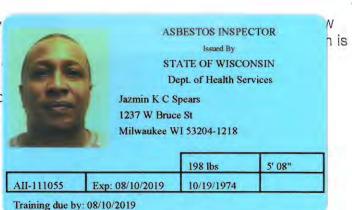
Find lead training providers at www.dhs.wisconsin.gov/lead.

- 5. Apply to renew your card at least 1 month before the "Exp." date on your blue card.
- 6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at www.dhs.wisconsin.gov/lead or www.dhs.wisconsin.gov/asbestos.
- 7. Don't conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, y professional responsibility. Contact us if below and on the back of your blue card

The Lead and Asbestos Certification Pro (608) 261-6876 DHSAsbestosLead@wi.gov www.dhs.wisconsin.gov/asbestos

www.dhs.wisconsin.gov/lead





## DECONSTRUCTION INSPECTION REPORT Job Site:

Two Family Dwelling 1560 West Hopkins Street Milwaukee, Wisconsin

For:

City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1<sup>st</sup> Floor
Milwaukee, Wisconsin 53202-3613

HMG Report No.: 18-400-024.1560 Inspector: Cecil Trawick Contract No.: 360-18-0975

Prepared by:

#### HARENDA MANAGEMENT GROUP

1237 West Bruce Street Milwaukee, Wisconsin 53204 (414) 383-4800

December 2018

### Signature Page

Deconstruction Inspection Report Two Family Dwelling 1560 West Hopkins Street Milwaukee, Wisconsin

Dean Jacobsen

Asbestos Inspector No. AII - 14370

Expiration Date: 12/2/18 Harenda Management Group Cecil Trawick

Asbestos Inspector No. AII - 104769

Expiration Date: 10/2/19 Harenda Management Group December 26, 2018

City of Milwaukee Department of Neighborhood Services Attn: Marge Piwaron 841 North Broadway 1<sup>st</sup> Floor Milwaukee, Wisconsin 53202-3613

RE: Deconstruction Inspection Report

1560 West Hopkins Street

Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 1560 West Hopkins Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP

Dean Jacobsen

Asbestos Inspector No. AII – 14370

#### **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 1560 West Hopkins Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in rear stair floor tile and linoleum, 1<sup>st</sup> floor bathroom and bedroom linoleum, and duct wrap sampled during the inspection. Asbestos was assumed to be in the roof flashing. Results are in Section IV of this report.

Lead was detected in paint on the exterior basement walls. Results are in Section V of this report.

# TABLE OF CONTENTS Deconstruction Inspection Report

I.	Introduction	1
II.	Asbestos Inspection	1
III.	Asbestos Laboratory  A. Method of Analysis	1
IV.	Asbestos Findings and Observations	2
V.	Lead Paint Inspection	5
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VII.	Limitations	6
VIII.	Pre-Demolition Environmental Checklist	8
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X.	Lead Laboratory Results	13
XI.	Floor Plans	14
XII.	HMG Certifications	15

#### I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling at 1560 West Hopkins Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has vinyl and wood walls with asphalt roofing.

#### II. ASEBSTOS INSPECTION

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building inspection and to analyze samples collected during the inspection.

On November 29, 2018, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 1560 West Hopkins Street, Milwaukee, Wisconsin. The inspection was conducted by Cecil Trawick, Wisconsin License No. AII – 104769, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

- 1. A visual determination as to the extent of suspect asbestos containing materials within the building.
- 2. Sampling and documentation of observable suspect asbestos containing materials.
- 3. Quantification of observable asbestos containing materials existing within the spaces.
- 4. Sampling of suspect lead painted masonry surfaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Paper insulation
- Caulk
- Window glazing compound
- Linoleum
- Floor tile
- Duct wrap
- Plaster
- Ceiling tile
- Texture
- Asphalt roofing
- Roof flashing
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

#### III. ASEBSTOS LABORATORY

#### A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crodcidolite, anthophyllite, and actinolite,/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

#### IV. ASEBSTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – north wall under wood siding – brown paper	Negative	MPIn
	insulation		
2	Exterior – south wall under wood siding – brown paper	Negative	MPIn
	insulation		
3	Exterior – east wall under wood siding – brown paper	Negative	MPIn
	insulation		
4	Exterior – on south window – gray caulk	Negative	MCLKy
5	Exterior – on east window – gray caulk	Negative	MCLKy
6	Exterior – on west window – gray caulk	Negative	MCLKy
7	1 <sup>st</sup> floor – kitchen – on south window – glazing compound	Negative	MPG
8	1 <sup>st</sup> floor – northeast bedroom – on north window – glazing	Negative	MPG
	compound		
9	2 <sup>nd</sup> floor – kitchen – on south window – glazing compound	Negative	MPG
10a	1 <sup>st</sup> floor – kitchen 2 <sup>nd</sup> layer – brown linoleum	Negative	MFLn
10b	1 <sup>st</sup> floor – kitchen 2 <sup>nd</sup> layer – under brown linoleum – tan	Negative	MFLn
	mastic		

Sample #	Location and Description	Results	Homogeneous Code
11a	1 <sup>st</sup> floor – kitchen 3 <sup>rd</sup> layer – 9" multicolored floor tile	Negative	MF9m
11b	1 <sup>st</sup> floor – kitchen 3 <sup>rd</sup> layer – under 9" multicolored floor tile – brown mastic	Negative	MF9m
12a	1 <sup>st</sup> floor – rear stair landing under carpet – 12" white floor tile	Positive 3% Chrysotile	MF12w
12b	1 <sup>st</sup> floor – rear stair landing – under 12" white floor tile – black mastic	Negative	MF12w
13	1 <sup>st</sup> floor – bathroom 2 <sup>nd</sup> layer – gray linoleum	Positive 20% Chrysotile	MFLy
14a	1 <sup>st</sup> floor – bathroom top layer – 12" white and black floor tile	Negative	MF12wk
14b	1 <sup>st</sup> floor – bathroom top layer – under 12" white and black floor tile – brown mastic	Negative	MF12wk
15	1 <sup>st</sup> floor – northeast bedroom – south side under carpet – red linoleum	Positive 20% Chrysotile	MFLr
16	1 <sup>st</sup> floor – northeast bedroom – north side under carpet – white linoleum	Positive 20% Chrysotile	MFLw
17	1 <sup>st</sup> floor – northeast bedroom – on west wall vent – duct wrap	Positive 60% Chrysotile	TDW
18a	1 <sup>st</sup> floor – living room – south wall – plaster skim coat	Negative	SPl
18b	1 <sup>st</sup> floor – living room – south wall – plaster base coat	Negative	SPl
19a	1 <sup>st</sup> floor – northwest bedroom – north wall – plaster skim coat	Negative	SP1
19b	1 <sup>st</sup> floor – northwest bedroom – north wall – plaster base coat	Negative	SPl
20a	1 <sup>st</sup> floor – middle room – south wall – plaster skim coat	Negative	SPl
20b	1 <sup>st</sup> floor – middle room – south wall – plaster base coat	Negative	SPl
21a	1 <sup>st</sup> floor – kitchen – east wall – plaster skim coat	Negative	SP1
21b	1 <sup>st</sup> floor – kitchen – east wall – plaster base coat	Negative	SP1
22a	2 <sup>nd</sup> floor – rear stair – north wall – plaster skim coat	Negative	SPl
22b	2 <sup>nd</sup> floor – rear stair – north wall – plaster base coat	Negative	SP1
23a	2 <sup>nd</sup> floor – northeast bedroom – south wall – plaster skim coat	Negative	SP1
23b	2 <sup>nd</sup> floor – northeast bedroom – south wall – plaster base coat	Negative	SP1
24a	2 <sup>nd</sup> floor – kitchen – south wall – plaster skim coat	Negative	SP1
24b	2 <sup>nd</sup> floor – kitchen – south wall – plaster base coat	Negative	SPI
25	1 <sup>st</sup> floor – living room – 1' x 1' ceiling tile	Negative	MSCT11
26	2 <sup>nd</sup> floor – south side on ceiling – texture	Negative	STX
27	2 <sup>nd</sup> floor – west side on ceiling – texture	Negative	STX
28	2 <sup>nd</sup> floor – north side on ceiling – texture	Negative	STX
29	1 <sup>st</sup> floor – rear stair – on lower landing top layer – brown and gray linoleum	Negative	MFLny
30	1 <sup>st</sup> floor – rear stair – on lower landing 2 <sup>nd</sup> layer – gray and white linoleum	Positive 20% Chrysotile	MFLyw
31	Roof – south side – red and black asphalt shingle	Negative	MRSrk
32	Roof – northwest – red and black asphalt shingle	Negative	MRSrk
33	Roof – northeast – red and black asphalt shingle	Negative	MRSrk

Six (6) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Condition
12" White Floor Tile	MF12w	1 <sup>st</sup> Floor Rear Stair Landing Under Carpet	25 SF	Good

Material	Homogeneous	Location	Approximate	Condition
	Code		Quantity	
Gray Linoleum	MFLy	1 <sup>st</sup> Floor Bathroom Bottom Layer	30 SF	Fair
		Under Floor Tile		
Red Linoleum	MFLr	1st Floor Northeast Bedroom South	40 SF	Fair
		Side Under Carpet		
White Linoleum	MFLw	1 <sup>st</sup> Floor Northeast Bedroom North	40 SF	Fair
		Side Under Carpet		
Gray & White Linoleum	MFLyw	Basement Stair	30 SF	Fair
Duct Wrap	SPI	1 <sup>st</sup> Floor Northeast Bedroom om West	3 SF	Poor
		Wall Vent		

**Assumed Asbestos Containing Materials** 

Material	Location	Approximate Quantity	Condition
Roof Flashing	Roof at Chimney	3 SF	Good

The flashing was not accessible at the time of the inspection.

Note #1: The ACMs listed above are friable and category I non friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that these materials be abated prior to deconstruction.

**Note#2:** If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

**Note#3:** A copy of this report should be transmitted to the deconstruction contractor.

Note#4: Additional duct wrap may be in basement and within walls and ceilings.

### Homogeneous Material Codes

SPI	Piastei
STX	Texture
MPIn	Brown Paper Insulation
MCLKy	Gray Caulk
MPG	Glazing Compound
MFLn	Brown Linoleum
MFLy	Gray Linoleum
MFLr	Red Linoleum
MFLw	White Linoleum
MFLnw	Brown & White Linoleum
MFLny	Brown & Gray Linoleum
MF12wk	12" White & Black Floor Tile
MF12w	12" White Floor Tile
MF9m	9" Multicolored Floor Tile
MSCT11	1' x 1' Ceiling Tile
MRSrk	Red & Black Asphalt Shingle
TDW	Duct Wrap

#### V. LEAD PAINT INSPECTION

#### A. Methods

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 1560 West Hopkins Street, Milwaukee, Wisconsin, took place on November 29, 2018. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

#### **B.** Component Testing Results

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section X.

**Interior: 1560 West Hopkins Street, Milwaukee, Wisconsin** 

• The basement was flooded at the time of the inspection and not accessible.

Exterior: 1560 West Hopkins Street, Milwaukee, Wisconsin

• Painted brick was observed on the exterior basement walls. Lead based paint was not detected.

The following are the laboratory results.

Site: 1560 West Hopkins Street, Milwaukee, Wisconsin Date: 11/29/18

	Paint Testing Results						
Sample	Room	Component	Substrate	Color	Result (% Lead)		
P1	Exterior	South Wall	Brick	Red	0.0808		

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <a href="https://www.osha.gov/SLTC/lead/index.html">https://www.osha.gov/SLTC/lead/index.html</a> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

#### VI. EXCLUSIONS

Basement was flooded at the time of the inspection and not accessible. No access to attic. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

#### VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Quantem Laboratories for our asbestos and paint testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or

entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.

#### VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

#### **ASBESTOS**

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.

#### **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

N/A	Air Conditioners (roof top, room, and central)
N/A	Dehumidifiers
N/A	Heat Pumps
N/A	Refrigerators, Freezers, Chillers
N/A	Vending Machines, Food Display Cases
N/A	Walk-in Coolers
N/A	Water Fountains (bubblers)
N/A	Fire Extinguishers (both portable and installed HALON suppression systems)
N/A	Water Coolers

#### **LEAD**

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

#### **MERCURY**

Products that may contain mercury:

#### **LIGHTING**

N/A Fluorescent Lights

N/A High Intensity Discharge

-Metal Halide

-High Pressure Sodium

-Mercury Vapor

Neon Neon

N/A Switches for lighting using mercury relays

-Look for any control associated with exterior or automated

lighting systems such as "Silent" wall switches.

#### **HVAC**

Check thermostats and any control associated with air handling units for switches containing mercury.

#### HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

#### BOILERS, FURNACES, HEATERS AND TANKS

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

<u>N/A</u> Space Heaters

ELECTRICAL SYS	TEMS
<u>N/A</u>	Load Meters and Supply Relays
<u>N/A</u>	Phase Splitters
<u>N/A</u>	Microwave Relays
N/A	Mercury Displacement Relays
PCBs and should be r	manufactured prior to 1987, it is safe to assume that they contain nanaged accordingly. Most equipment manufactured after this time The following is a list of areas in a building were PCBs may be
<u>N/A</u>	Transformers
N/A_	Capacitors (appliances, electronic equipment)
<u>N/A</u>	Heat Transfer Equipment
<u>N/A</u>	Ballasts
<u>N/A</u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u>N/A</u>	Sumps or Oil Traps (in maintenance and industrial facilities)
OTHER ENVIRON	MENTAL ISSUES
<u>N/A</u>	Hazardous Waste
<u>N/A</u>	Oil Tanks
N/A	Well Abandonment

N/A

N/A

Junk Auto Tires

Junk Boats

<sup>\* 1</sup> Gas Meter on Exterior

IX. ASBESTOS LABORATORY RESULTS



#### Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 302475 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen 1237 West Bruce St.

Date Received: 11/30/2018 Milwaukee, WI 53204
Received By: Katie Davis

Date Analyzed: 12/10/2018 Project: DNS

Analyzed By: Cassie Sanborn Project Location: Milwaukee, WI Methodology: EPA/600/R-93/116 Project Number: 18-400-024.1560

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 10	00
002	2	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 10	00
003	3	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 10	00
004	4	Homogeneous	Gray Window Glazing	Asbestos Not Present	Talc	5 CaCO3
005	5	Homogeneous	Gray Window Glazing	Asbestos Not Present	Talc	5 CaCO3
006	6	Homogeneous	Gray Window Glazing	Asbestos Not Present	Talc	5 CaCO3
007	7	Homogeneous	Gray Window Glazing	Asbestos Not Present	NA	CaCO3

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



#### Polarized Light Microscopy Asbestos Analysis Report

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Homogeneous	Gray Window Glazing	Asbestos Not Present	NA	CaCO3
009	9	Homogeneous	Gray Window Glazing	Asbestos Not Present	NA	CaCO3
010	10	Layered	Brown Sheet Vinyl	Asbestos Not Present	Cellulose 1	O CaCO3 5 Vinyl
010a		Layered	Tan Mastic	Asbestos Not Present	NA	Glue
011	11	Layered	Gray Sheet Vinyl	Asbestos Not Present	Cellulose 1	O CaCO3 Vinyl
011a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



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QuanTEM Sample ID	Client Sample ID	Composition	Color / ion Description Asbest				Non-Asbestos Fiber (%)	Non Fibrous
012	12	Layered	Gray Floor Tile	Asbestos Present Chrysotile 3	NA	CaCO3 Vinyl		
012a		Layered	Black Mastic	Asbestos Not Present	NA	Tar		
013	13	Homogeneous	Gray Sheet Vinyl	Asbestos Present Chrysotile 20	NA	CaCO3 Vinyl		
014	14	Layered	Black Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl		
014a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue		
015	15	Homogeneous	Red Sheet Vinyl	Asbestos Present Chrysotile 20	NA	CaCO3 Vinyl		
016	16	Homogeneous	Gray Sheet Vinyl	Asbestos Present Chrysotile 20	NA	CaCO3 Vinyl		

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



#### Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 302475 Client: Harenda Management Group

Dean Jacobsen Account Number: B929 1237 West Bruce St.

Date Received: 11/30/2018 Milwaukee, WI 53204 Received By: Katie Davis

Date Analyzed: 12/10/2018 Project: DNS

Analyzed By: Cassie Sanborn Project Location: Milwaukee, WI Methodology: EPA/600/R-93/116 Project Number: 18-400-024.1560

QuanTEM Client Color / Non-Asbestos Non Fibrous Sample ID Sample ID Composition Description Asbestos (%) Fiber (%) 017 17 Cellulose 30 Binder Homogeneous Gray Asbestos Present 60 Chrysotile Insulation 018 18 Layered White Asbestos Not Present NA CaCO3 Sand Skim Coat Paint 018a Layered Gray Asbestos Not Present Hair <1 CaCO3 Sand Plaster 019 19 Layered White Asbestos Not Present NA CaCO3 Sand Skim Coat Paint 019a Layered Gray Asbestos Not Present Hair CaCO3 Sand Plaster 020 20 Layered White Asbestos Not Present NA CaCO3 Sand Skim Coat Paint

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



#### Polarized Light Microscopy Asbestos Analysis Report

Project: DNS

QuanTEM Lab No. 302475 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen
1237 West Bruce St.
Date Received: 11/30/2018 Milwaukee, WI 53204

Received By: Katie Davis

Analyzed By: Cassie Sanborn Project Location: Milwaukee, WI Methodology: EPA/600/R-93/116 Project Number: 18-400-024.1560

Date Analyzed:

12/10/2018

QuanTEM Client Color / Non-Asbestos Non Fibrous Fiber (%) Sample ID Sample ID Composition Description Asbestos (%) 020a Layered Gray Asbestos Not Present Hair <1 CaCO3 Sand Plaster 021 21 White CaCO3 Layered Asbestos Not Present NA Sand Skim Coat Paint 021a Layered Asbestos Not Present CaCO3 Gray Hair <1 Sand Plaster 022 22 Layered White Asbestos Not Present NA CaCO3 Sand Skim Coat Paint 022a Layered Gray Asbestos Not Present Hair <1 CaCO3 Sand Plaster White Asbestos Not Present CaCO3 023 23 Layered NA Sand Skim Coat Paint

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



#### Polarized Light Microscopy Asbestos Analysis Report

Client: Harenda Management Group QuanTEM Lab No. 302475

Dean Jacobsen B929 Account Number: 1237 West Bruce St. Date Received: 11/30/2018 Milwaukee, WI 53204

Received By: Katie Davis

Date Analyzed: Project: DNS Analyzed By: Cassie Sanborn Project Location: Milwaukee, WI

12/10/2018

EPA/600/R-93/116 Project Number: 18-400-024.1560 Methodology:

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
023a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
024	24	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
024a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
025	25	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint
026	26	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
027	27	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
028	28	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



#### Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 302475 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen
1237 West Bruce St.

Date Received: 11/30/2018 Milwaukee, WI 53204
Received By: Katie Davis

Date Analyzed: 12/10/2018 Project: DNS

Analyzed By: Cassie Sanborn Project Location: Milwaukee, WI Methodology: EPA/600/R-93/116 Project Number: 18-400-024.1560

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Asbestos (%)  Non-Asbestos Fiber (%)		Non Fibrous
028a		Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Sand
028b		Layered	Gray Plaster	Asbestos Not Present	Hair	<1	CaCO3 Sand
029	29	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose	20	CaCO3 Vinyl
030	30	Homogeneous	Gray Sheet Vinyl	Asbestos Present Chrysotile 20	NA		CaCO3 Vinyl
031	31	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand
032	32	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



#### Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 302475 Client: Harenda Management Group

Account Number: B929 Dean Jacobsen
1237 West Bruce St.

Date Received: 11/30/2018 Milwaukee, WI 53204

Received By: Katie Davis

Date Analyzed: 12/10/2018 Project: DNS

Analyzed By: Cassie Sanborn Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116 Project Number: 18-400-024.1560

QuanTEM Client Color / Non-Asbestos Non Fibrous Fiber (%) Sample ID Sample ID Composition Description Asbestos (%) 033 33 Homogeneous Black Asbestos Not Present Glass Fiber 25 Tar Sand Shingle

Cassie Sanborn, Analyst

Cassie Sanborn, Analyst

Date of Report



Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



### **ASBESTOS CHAIN OF CUSTODY**

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

Page	1	of	
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LABORATORIES www.QuanTEM.com		Document -			Lab No. 302475 Accept Reject
Contact Infor	mation			Project Information	Report Results (☑ one box)
Company: Harenda Management Group	Phone: (41	14) 383-4800	Project Name:	DNS	QuanTEM Website
Contact: Dean Jacobsen	Cell Phone:		Project Location: N	Milwaukee, WI	Other email
Account #: B929	E-mail: deam.jacob	bsen@kphenvironmental.com	Project ID: 1	18-400-024.1560	
SAMPLED BY: Name:	Date:		P.O. Number:		
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400 Point Count CePA 600	D/R-04/004)	Air- NIOSH 740	2	Bulk- Quantitative [weight%]- Chatfield	Same Day
1000 Point Count		Air- ISO 10312		Dust- Presence / Absence	24 - Hour
Gravimetric Preparation	PCM	Drinking Water	- EPA 100.2	Dust- Quantitative [fibers/sq.cm]- ASTM D57	755 3 - Day
Particle ID NIOSH 7	7400	Waste Water- El	PA 600/4-83-043	Other	5 - Day
No. Sample ID ☑ To Be Control (10 Characters Max) Analyzed	olor	Descrip	tion	Volume / Area (as applicable)	Comments / Notes
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### **ASBESTOS CHAIN OF CUSTODY**

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

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Acce	pt Reject

Proje	ect Information							
Compa	<sub>iny:</sub> Harenda Manag	ement Group	)	Project Name: DNS	Project Location:	Project Location: Milwaukee, WI		
No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	o Be Color Descrip		Volume / Area (as applicable)	Comments / Notes		
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#### **ASBESTOS CHAIN OF CUSTODY**

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

#### **LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

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For L	ab Use	Only
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X. LEAD LABORATORY RESULTS



### **Environmental Chemistry Analysis Report**

QuanTEM Set ID: 30

302469

Date Received:

11/30/18

Received By:

Taylor Hooper

**Date Sampled:** 

Time Sampled:

CR

Date of Report:

Analyst:

12/06/18

AIHA ID: 101352

Client: Harend

Harenda Management Group

Dean Jacobsen

1237 West Bruce St. Milwaukee, WI 53204

Acct. No.: B929

**Project:** 

**Location:** 

DNS

Milwaukee, WI

**Project No.:** 18-400-024.1560

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P1	Paint	Lead	0.0808	0.00488	%	12/06/18 15:36	P EPA 7000B (1)

Authorized Signature:

Cherry Rossen, Technical Manager

Note: Sample results have not been corrected for blank values.

This report applies only to the standards or procedures indicated and to the specific samples tested. It is not indicative of the qualities of apparently identical or similar products or procedures, nor does it represent an ongoing assurance program unless so noted. These reports are for the exclusive use of the client and are not to be reproduced without specific written permission. QuanTEM is not responsible for user-supplied data used in calculations.

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified



#### **LEAD CHAIN OF CUSTODY**

Page 1 of 1

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For Lab Use Only
Lab No. 302469
Accept Reject

#### www.QuanTEM.com

#### **LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

www.Quaittewi.com	ualitem.com Legal Docoment - Please Print Legibli						/ Accept / Reject
Contact Information				Project Informati	Rep	ort Results (☑ one box)	
Company: Harenda Management Group	Phone: (414) 38	3-4800	Project Name:	DNS	✓	QuanTEM Website	
Contact: Dean Jacobsen	Ceil Phone:		Project Location:	Milwaukee, Wl		Other email	
Account #: B929	E-mail: djacobsen@l	harenda.com	Project ID:	18-400-024.1560			
Sampled By: Name:		Date:			-		
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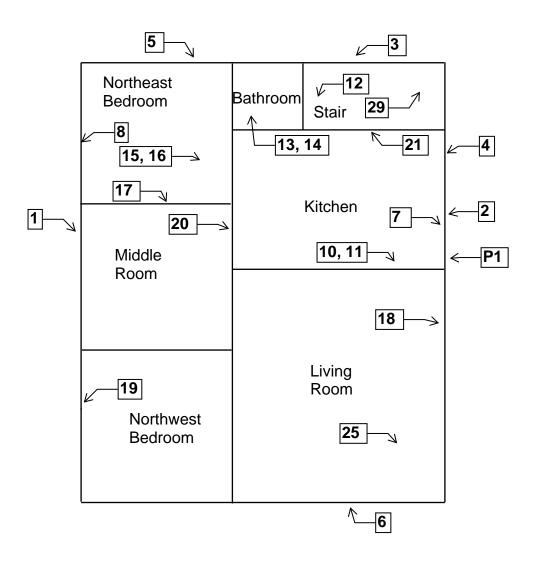
					Sample Matrix (see matrix code box)	A	nalysis	ָ 	Units (☑ ONE box only)				nly)	Sample Matrix Codes	
No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	e S S S S								Cm <sup>2</sup>	Α	Soil
	(10 Characters max)		(Liters)	(Length x Wiath)	Sample (see matrix			I≥	Wt %	I/gm	/ft²	μg / m³	3/6	В	Paint Chips
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9			OCCUPATION AND ADDRESS OF THE PROPERTY OF THE								·				Same Day
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### XI. FLOOR PLANS

### Two Family Dwelling 1560 West Hopkins Street Milwaukee, Wisconsin

1st Floor Plan

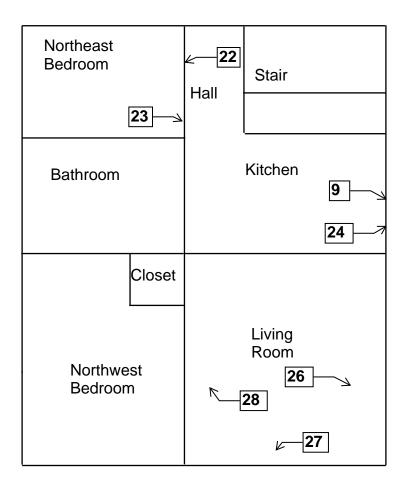




### Two Family Dwelling 1560 West Hopkins Street Milwaukee, Wisconsin

2nd Floor Plan

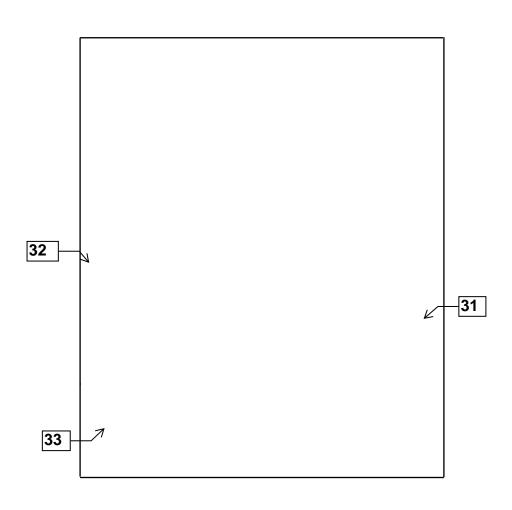




### Two Family Dwelling 1560 West Hopkins Street Milwaukee, Wisconsin

Roof Floor Plan





### XII. HMG CERTIFICATION



This certifies that

## HARENDA MANAGEMENT GROUP

1237 W BRUCE ST MILWAUKEE WI 53204-1218

is certified under ch. DHS 159, Wis.Adm.Code as a

Asbestos Company - Primary

Certificate Issue Date: 06/23/2017

xpiration Date: 08/31/2019, 12:01 a.m.

Certification #: CAP-480540

Visconsin Department of Health Services

ivision of Public Health

ureau of Environmental and Occupational Health

sbestos & Lead Section

O Box 2659

Iadison WI 53701-2659

hone: (608) 261-6876





Shelley A Bruce, Unit Supervisor

1 WEST WILSON STREET

P O BOX 2659 MADISON WI 53701-2659

Telephone: 608 266-1251 FAX: 608 267-2832 TTY: 888-701-1253 dhs.wisconsin.gov



Scott Walker Governor

Linda Seemeyer Secretary August 27, 2018

> CECIL JAMES TRAWICK JR 1237 W BRUCE ST MILWAUKEE WI 53204-1218

ID# AII-104769

Congratulations! Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

#### Follow Wisconsin law by making sure that you:

- 1. Have your blue card with you when doing regulated work.
- 2. Work safely using the methods you learned in training.
- 3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing <a href="mailto:DHSAsbestosLead@wi.gov">DHSAsbestosLead@wi.gov</a>, by using our Lead and Asbestos Online Certification website, <a href="mailto:www.dhs.wisconsin.gov/waldo">www.dhs.wisconsin.gov/waldo</a>, or by mailing a note to:

Lead and Asbestos Section 1 W. Wilson St., Room 137 P.O. Box 2659 Madison WI 53701-2659

- 4. Take refresher training well before the "Training due by" date printed on your blue card.
  - Asbestos-certified individuals must refresh in Wisconsin no earlier than 90 days before the due date to keep the same expiration date.
     Find asbestos training providers at <a href="https://www.dhs.wisconsin.gov/asbestos">www.dhs.wisconsin.gov/asbestos</a>.
  - Lead-certified individuals can refresh up to 1 year before the due date.
     Find lead training providers at www.dhs.wisconsin.gov/lead.
- 5. Apply to renew your card at least 1 month before the "Exp." date on your blue card.
- 6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at <a href="https://www.dhs.wisconsin.gov/lead">www.dhs.wisconsin.gov/lead</a> or <a href="https://www.dhs.wisconsin.gov/asbestos">www.dhs.wisconsin.gov/asbestos</a>.
- 7. Don't conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, professional responsibility. Contact us it below and on the back of your blue care

The Lead and Asbestos Certification Pr (608) 261-6876

DHSAsbestosLead@wi.gov

www.dhs.wisconsin.gov/asbestos

www.dhs.wisconsin.gov/lead

COPY





# Policy Prohibiting Firearms and Dangerous Weapons in the Workplace



Department of Employee Relations November 10, 2011 Revised February 27, 2012

#### **Policy Statement**

The City of Milwaukee has a zero tolerance policy for firearms and dangerous weapons in the workplace. Accordingly, the City of Milwaukee prohibits employees from carrying or possessing a firearm or dangerous weapon while acting in the course and scope of their employment for and on behalf of the City of Milwaukee. This policy applies to all general city employees, including students, volunteers, staffing agency workers or contractors working in the course and scope of their employment with the City of Milwaukee.

#### **Definitions**

<u>Employee</u> - Employee includes any person, excluding law enforcement personnel, who performs services for the City of Milwaukee, either compensated or uncompensated.

<u>Firearm or dangerous weapon</u> – for purposes of this policy a firearm or dangerous weapon includes, but is not limited to, the following:

- A firearm, whether loaded or unloaded, from which a shot may be discharged including but not limited to handguns, pistols, revolvers, shotguns, rifles, and bb guns;
- (2) A gun that can discharge a shot or a projectile by means of an explosive or gas, or compressed air;
- (3) A device designed to be used as a weapon, from which can be expelled a projectile by the force of any explosion or force of combustion;
  - (4) Any weapon (including a starter gun) which will or is designed to or may readily be converted to expel a projectile by the action of an explosive;
  - (5) Any destructive device;
  - (6) Any device designed as a weapon and capable of producing great bodily harm, including but not limited to, stun guns, stun batons;
  - (7) An electric weapon such as a taser gun;
  - (8) Any combustible or flammable liquid, or other substance, device, or instrumentality that, in a manner it is used or intended to be used, is calculated or likely to produce death or great bodily harm, or any fire that is used to produce death or great bodily harm; and,
  - (9) Any knife that is carried with intention or calculation to produce death or great bodily harm. Switchblades are specifically prohibited. (A Leatherman or other small pocket knife is permissible, as long as the blade is 3 inches or less in length. Knives intended to be used as eating utensils, and stored or maintained in office kitchens or lunchrooms do not represent a violation of this policy.)

#### **Prohibitions**

Regardless of whether a city employee possesses a concealed weapons license or is allowed by law to possess a weapon, all employees are prohibited from possessing, transferring, carrying, selling and storing firearms or dangerous weapons while working on city property or while acting within the coursescope of their employment when not on City of Milwaukee property. This prohibition applies anywhere City business is conducted as summarized below:

- working on property owned, leased or controlled by the City;
- performing work for the City at any location including private residences and commercial establishments and other customer or client locations;
- driving or riding as a passenger in a city vehicle;
- attending trade shows, conferences, or training on behalf of the City;
- attending City of Milwaukee directed or sponsored activities or events (intended for city employees only and not the general public) independent of venue;
- Riding any type of mass transit while on City business;
- Working off-site on behalf of the City (excluding the employee's residence);
- performing emergency or on-call work for the City after normal business hours and on weekends:
- Attending training or conferences on behalf of the City.

City employees may possess, carry and store a firearm or dangerous weapon in their own motor vehicles if they have obtained the appropriate license as required by applicable state and federal laws. Employees who use a personal vehicle in the course and scope of their employment are required to keep the permitted firearm or dangerous weapon stored out of sight and in a secure location.

Violation of this Policy is considered a serious offense that endangers the safety of employees and others. Therefore, this any offense may result in severe disciplinary action up to and including discharge from employment. When appropriate a referral to law enforcement may be made which may result in criminal charges.

#### Safety First

In applying this policy, no employee shall take any action that will risk his or her own safety or the safety of other individuals. No attempt should ever be made by an employee to restrain or forcibly evict an armed person from City premises. Employees in facilities without a designated Police or security force may inform individuals carrying weapons of the law and ask for their compliance. This should be done in an informative, calm and non-confrontational manner. An individual's continued non-compliance after being properly informed of the law should result in notification to the Police Department. Employees in facilities with a designated Police or security force should make all attempts to defer intervention in concealed or open carry situations to those groups by contacting designated security personnel via established reporting mechanisms.

An employee who feels an immediate risk to his or her own safety or the safety or security of others, should avoid any interaction with the individual. Steps should be taken to secure their area

and immediately contact the Police Department by calling 9-911 and their assigned building security (where applicable).

#### Report of Violations

#### **Employee Violations**

Employees are required to report violations of this Policy without regard to the relationship between the individual who initiates the prohibited behavior and the individual reporting it.

An employee who believes that another employee may be in violation of this policy should report the alleged violation to the employee's manager or supervisor, the department head, or the appropriate departmental Human Resources representative.

The City will promptly investigate allegations of violations of this policy. Supervisors and managers are responsible for establishing and modifying procedures as necessary to carry out and comply with this Policy in accordance with applicable laws and City ordinances. Departments are responsible for implementing protocols for handling a prohibited weapon upon discovery.

The City reserves the right to authorize searches for prohibited weapons on its property when a violation is reported or when probable cause or reasonable suspicion is presentconsistent with law. Employees should be aware that there is no reasonable expectation of privacy with respect to weapons in the workplace. The City's right to conduct searches includes, but is not limited to, such areas and items as lockers, desks, workstations, purses, briefcases, bags, and toolboxes, and lunch bags. Searches of the employee's work area and belongings, as described above, *may* be conducted by the employee's supervisor and another member of management. Searches of all types, including surrounding City property, personal property and the employee may be conducted by law enforcement in accordance with lawshould reasonable suspicion be present. Any weapon found in violation of this Policy may be confiscated. Refusal to permit a search may result in discipline up to an including discharge.

#### Visitor Violations

Visitors to posted no-carry City facilities are not allowed to carry a weapon on the premises. If a visitor does bring a weapon into a City facility a determination will need to be made as to the level of risk the visitor carries.

Any visitor carrying a weapon into a posted no-carry City facility is creating an elevated risk to security and safety that warrants a response leading to compliance with the law. If the visitor poses an immediate risk to security or safety the Police Department should be notified immediately by calling 9-911. The visitor should be considered an immediate risk to safety and security if he/she is acting in an aggressive, belligerent, confrontational, suspicious or in an otherwise questionable manner while carrying a weapon.

#### **Anti-Retaliation Provision**

No employee or City official may retaliate against an employee who has reported a possible violation of this policy.

#### Roles and Responsibilities

Employees are responsible for understanding and complying with the Policy Prohibiting Firearms and Dangerous Weapons in the Workplace. Whenever there is a question as to whether an instrument, article or substance is considered a weapon in violation of this policy, it is the employee's responsibility to seek clarification. Employees seeking clarification should direct their questions to their Department Head or the City's Security Operations Manager at 286-2145 prior to bringing the item(s) to City work sites and events, as well as City-owned or leased facilities or vehicles.

City departments shall ensure that employees complete a statement acknowledging receipt and understanding of this policy.

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